

CALIFORNIA INSTITUTE OF TECHNOLOGY

EARTHQUAKE ENGINEERING RESEARCH LABORATORY

STRONG MOTION EARTHQUAKE ACCELEROGRAMS DIGITIZED AND PLOTTED DATA

VOLUME I - UNCORRECTED ACCELEROGRAMS

PART Y - ACCELEROGRAMS IY370 THROUGH IY381

ACCELEROGRAMS FROM THE
SAN FERNANDO, CALIFORNIA, EARTHQUAKE
OF FEBRUARY 9, 1971

LOG NOS.: 68.099, 68.103, 68.080, 68.089, 68.100,
68.055, 68.104, 68.106, 68.072, 68.026,
68.071, 68.025

REPORT NO. EERL 73-30

A REPORT ON RESEARCH CONDUCTED UNDER A
GRANT FROM THE NATIONAL SCIENCE FOUNDATION

PASADENA, CALIFORNIA

APRIL, 1975

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ABSTRACT

The first set of twenty uncorrected digitized earthquake accelerograms was published in July 1969 as Volume I, Part A, of the present series. That volume also contained introductory material and background information describing the methods used, accuracies, etc., which should be referred to by all users of the data. The 1971 San Fernando earthquake provided records of sufficient importance that the original plan was interrupted after two parts and Parts C through S contained the San Fernando earthquake accelerograms.

This issue, Part Y, is the final part of a series initiated in July, 1969, and contains data from the Borrego Mountain, California, earthquake of April 8, 1968, including two records each from the JPL Building in Pasadena and the Hollywood Storage Building in Los Angeles and single records from Colton, Santa Ana, Terminal Island in Long Beach, the Millikan Library and Athenaeum at Caltech in Pasadena, the Edison Building at 601 W. 5th St. and the Subway Terminal, both in Los Angeles, and Vernon. Other records from El Centro, San Diego and San Onofre were included in Parts A and B.

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PREFACE TO VOLUME I, PART Y

This report is the final part of a series initiated in July, 1969, and completes the objective of making available in a uniformly digitized form all significant strong motion accelerograms recorded in the United States through 1971. This date logically defines the completion of a particular data processing program, which has thus accomplished its major goal of catching up with a growing backlog of instrumental records which had been accumulating since the beginning of the U.S. strong motion accelerograph network in 1932.

With the present much enlarged U.S. network, it is to be expected that an increasing number of earthquake accelerograms will become available. It is clearly of the first importance that such records be processed and distributed in a form reasonably compatible with the past accelerograms and that this be done on a continuing basis, so that a data backlog requiring heroic efforts can be avoided in the future. It is hoped that the present report series can serve in some respects as a model for such a continuing effort and as an encouragement to future investigators.

This issue of uncorrected digitized accelerograms contains data from the Borrego Mountain, California, earthquake of April 8, 1968. This earthquake triggered 114 strong-motion seismographs, although only 7 were obtained from sites less than 100 miles from the epicenter. This issue contains 12 records selected from the 114 on the basis of distance from the epicenter, record amplitude, and the quality of the recording. An additional 3 records have appeared

earlier in Parts A (El Centro and the San Diego Light and Power Building) and B (San Onofre). Included in this issue are records from the following locations:

1. Southern California Edison Co., Colton
2. Orange County Engineering Building, Santa Ana
3. Southern California Edison Co., Terminal Island, Long Beach
4. JPL, Caltech, Pasadena (2 records)
5. Millikan Library, Caltech, Pasadena
6. Athenaeum, Caltech, Pasadena
7. Southern California Edison Co., 601 W. 5th St., Los Angeles
8. Subway Terminal, Los Angeles
9. Hollywood Storage Building, Los Angeles (2 records)

All of these accelerograms were recorded on 6-inch or 12-inch photographic paper, and in this case all were digitized from the original recordings. Generally, translucent contact negatives are prepared from these records, as described in Part A of this series.

Details on the records and digitizations follow.

IY370. Southern California Edison Co., Colton. Digitization continued to 85 sec, just short of the record end at $88\frac{1}{2}$ sec. The film speed fluctuated between 0.835 cm/sec, apparently the standard speed for this instrument, and a lower speed of 0.81 cm/sec caused by hesitations in the film drive mechanism. The lower speed occurred six times throughout the record, each time lasting for 2 to 4 sec, and was characterized by an obvious hesitation 14 times per second. No significant effect can be expected on the digitized output, since the time marks themselves could be used for the time coordinates.

IY371. Orange County Engineering Building, Santa Ana. The time mark mechanism failed between 21 sec and approximately 35 sec on this record, and an average film speed obtained from this first portion was used throughout. In addition to the acceleration transducers, two Carder displacement meters had been fitted to the instrument and the displacement traces were also digitized, although not included in this report.

IY372. Southern California Edison Co., Terminal Island, Long Beach;
and IY373-4. JPL Building, Caltech, Pasadena; Basement and 9th
Floor. These records were digitized for their complete lengths.

IY375. Millikan Library, Caltech, Pasadena; Basement. This record was digitized to 53.9 sec, the record continuing for a total duration of 75.6 sec.

IY376. Athenaeum, Caltech, Pasadena. This record was digitized to 60.3 sec, the record continuing for a total duration of 180 sec.

IY377. Southern California Edison Building, 601 W. 5th St., Los Angeles. This record was digitized for its complete length.

IY378. Subway Terminal, Los Angeles; Basement. At 21.5 sec a retriggering gap appears in this record with an apparent duration of 0.25 sec, assuming the paper drive speed remained constant. Since the time marks did not run continuously through this gap, no confirmation could be found for the gap duration of 0.25 sec, and digitization therefore stopped at this point, at 21.5 sec. The record continued for approximately 100 sec beyond this point.

IY379. CMD Building, Vernon. This record also exhibited retriggering gaps similar to the one described above for IY378, at 17.5, 61 and 101 sec but of only 1/16 sec duration. It was assumed that the drive speed did not significantly alter during this time, and digitization continued to 61 sec.

IY380, 381. Hollywood Storage Building, Los Angeles; Adjacent P.E. Lot and Penthouse. These records were digitized to 50.5 and 60.5 sec, respectively, while the total record duration was 75 sec.

The question of where to discontinue digitizing the records is answered in most cases on the basis of record amplitudes. Experience with the Volume II correction procedures has shown that the decreased signal-to-noise ratio, occurring with low acceleration amplitudes, allows spurious long period components to become predominant.

We are reporting here the digitized and actual lengths of the accelerograms so that those investigators who want to examine a particular record in more detail are familiar with the basic data available. The amplitudes of the omitted portions of the accelerograms typically do not exceed the levels indicated by the average amplitudes at the end of the digitized portion which can be seen in the plots at the back of this report.

Any long-continued project of requiring much detailed work must depend upon the devoted efforts of many people. We have been unusually fortunate in the quality and energy of the staff that has carried out these tasks with special care and attention. The particular

individuals who have made these special contributions have been listed in the acknowledgments appended to the various reports in the series, and we should like to add here a final word of appreciation to everyone involved.

The entire project was made possible by the continuing support of the National Science Foundation, with important supplements from the Earthquake Research Affiliates Program of the California Institute of Technology.

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California Institute of Technology

Notes on the Volume I Series of Reports

In addition to some of the information in the preceding Abstract and Preface, there are some facts pertaining to the Volume I series which will appear in these Notes in this and future reports.

Parts A and B contained data from records dating from the Long Beach earthquake of March 10, 1933, and included three records from the Borrego Mountain, California, earthquake of April 8, 1958. Part C contained the first of the records from the San Fernando, California, earthquake of February 9, 1971, a sufficiently important earthquake that all the records considered suitable for standard digitizing have been included in the issues following Part C, and Part S contains the last of the San Fernando records. In Part T a return is made to those records received during the years 1933 to 1968, which continue into Parts U and V. Parts W and X contain the records from the Lytle Creek, California, earthquake of Sept. 12, 1970, and Part Y contains the records of the Borrego Mountain, California, earthquake of April 8, 1968, not already included in Parts A and B. Part Y marks the conclusion of the current digitizing and analysis project.

The Preface to Part A contained details of preparation for digitization of photographic paper records, Part G contained the details for 70-mm film preparation, and Part P included a description for 35-mm film preparation.

A description of the naming of component directions of the records was given in Part M. Consistent with this, the component

direction, where it appears in this report, refers to the directions of the transducer pendulum motion for the trace to be deflected "up" on the record when viewed in the normal way with time increasing from left to right. During earthquake acceleration measurements the transducer pendulum responds dynamically to an "inertia force" whose direction is opposite to that of the acceleration of the instrument base, and it follows that the true ground acceleration will be opposite to the pendulum motion defined above. For those applications requiring true ground motion, therefore, the directions as given in standard data in this series of reports, derived from the Seismological Field Survey, will need to be reversed.

Some reproductions in the publication "United States Earthquakes" issued by the National Oceanic and Atmospheric Administration (formerly the Coast and Geodetic Survey) have reversed component directions to indicate true ground motion. A few special cases of incorrect component description, a result of these reversed component directions, appeared in Parts A and B and a complete list of their correct directions was included in Part M.

The plots following the computer printouts contain arrows indicating the length of the digitized portion in each film set-up on the digitizing table. Each individual trace has asterisks inserted in the computer printout next to the coordinates of the points corresponding to these arrows.

All of the reports in this Volume I contain references concerning particular aspects of the various earthquake records. A list of these reports and other publications of the Earthquake Engineering

Research Laboratory appears at the back of this issue, including the EERL Report Number and the Accession Number, with which they are obtainable from:

National Technical Information Service
U.S. Department of Commerce
Springfield, Virginia 22151 .

The system for the EERL- numbering of the reports is based on two numbers, one indicating the year of preparation, and the second indicating the volume to which the report belongs. A detailed description follows.

For the Volume I reports, the first number indicates the year in which the particular data was first prepared for either a report or for loading onto magnetic tapes. This number ranges from 70 to 73. The first printing of Volume I, Part A, appeared before the numbering system was chosen. Although it was dated July, 1969, it actually did not appear until 1970, and was consequently numbered EERL 70-20 in subsequent printings. For the reports of Volumes II, III, and IV, the first number indicates the year in which the report was prepared and ranges from 70 to 75.

The second number increases consecutively with each report, restarting at 20 each year in the case of Volume I reports, at 50 for Volume II, at 80 for Volume III, and at 100 for Volume IV. For example, Volume II, Part G, Report No. EERL 73-52, was prepared in 1973 and was the third report of the Volume II series to be published that year. The numbers from 01 to 19 each year are reserved for other publications of the Earthquake Engineering Research Laboratory, such as thesis reports and special reports.

INSTRUMENT CHARACTERISTICS FOR THE BORREGO MOUNTAIN EARTHQUAKE
APRIL 8, 1968 - 1830 PST

<u>Series</u> <u>Ref. No.</u>	<u>Caltech</u> <u>Log No.</u>	<u>Instrmt.;</u> <u>Serial No.</u>	<u>Station No.;</u> <u>Location</u>	<u>Component*</u> <u>Direction</u>	<u>Period*</u> <u>T₀(sec)</u>	<u>Sens.*</u> <u>(cm/g)</u>	<u>Damp*</u> <u>(%crit.)</u>
IY370	68.099	USCGS SM 38A	113 Southern Calif. Edison Co., Colton, Calif.	South East Up	0.065 0.066 0.066	13.4 14.0 13.1	59.1 59.1 59.1
IY371	68.103	USCGS SM 11M	281 Orange County Engineering Bldg., Santa Ana, Calif.	S04E S86W Up	0.063 0.064 0.064	10.9 10.9 10.9	57.3 57.3 57.3
IY372	68.080	USCGS SM 13D	130 Southern Calif. Edison, Ter- minal Island, Long Beach, Ca.	N21W S69W Up	0.067 0.068 0.068	13.3 14.1 14.2	59.1 59.1 55.2
IY373	68.089	AR-240	267 JPL, Pasadena, Calif.; Basement	S82E S08W Down	0.066 0.064 0.064	15.4 16.0 15.7	59.2 57.4 57.4
IY374	68.100	AR-240	268 JPL, Pasadena, Calif.; 9th Floor	S82E S08W Down	0.062 0.066 0.062	15.4 15.5 15.3	57.4 60.0 58.3
IY375	68.055	AR-240	264 Millikan, Caltech, Pasadena, Calif.; Basement	North East Down	0.064 0.061 0.065	7.8 7.8 8.0	60.7 55.2 55.2
IY376	68.104	USCGS SM 7D	475 Athenaeum, Caltech, Pasadena, Calif.	South West Up	0.079 0.080 0.082	18.0 19.0 20.0	59.1 55.2 57.3
IY377	68.106	USCGS SM	0 Southern Cal. Edison, 601 W. 5th St., L.A., Calif.	N52W S38W Up	0.066 0.066 0.065	13.0 13.2 12.9	57.3 57.3 57.3

* See footnotes at end of table.

INSTRUMENT CHARACTERISTICS (CONT.)

Series Ref. No.	Caltech Log No.	Instrmt.; Serial No.	Station No.; Location	Component* Direction	Period* T ₀ (sec)	Sens.* (cm/g)	Damp* (%crit.)
IY378	68.072	USCGS SM 3D	0 Subway Terminal, L.A., Calif.; Basement	S52E S38W Up	0.064 0.066 0.066	12.1 12.9 12.7	55.2 55.2 55.2
IY379	68.026	USCGS SM 41A	288 CMD Building Vernon, Calif.	N83W S07W Up	0.065 0.064 0.063	13.2 13.2 12.9	52.7 59.1 59.1
IY380	68.071	USCGS SM 1D	135 Hollywood Storage Bldg., L.A., Calif., P.E. Lot	South East Up	0.066 0.065 0.065	13.2 12.1 12.9	59.1 55.2 57.3
IY381	68.025	USCGS SM 40A	134 Hollywood Storage Bldg., L.A., Calif.; Penthouse	South West Up	0.046 0.045 0.045	6.70 6.50 6.30	55.2 55.2 55.2

* Static Magnification, $V_s = \omega_n^2 \cdot (\text{Sensitivity}) = \left[\frac{2\pi}{T_0(\text{sec})} \right]^2 \cdot \frac{\text{Sensitivity (cm/g)}}{980 (\text{cm/sec}^2/\text{g})}$

Periods, sensitivities, and damping values are obtained from the regularly updated listing of Strong-Motion Station Instrumental Data, USC and GS, ESSA, January, 1970. Asterisks imply nominal values provided by the manufacturer.

Damping ratio, $\epsilon = \exp[\pi n / \sqrt{(1 - n^2)}]$, where n is the fraction of critical damping.

The component direction is that of pendulum motion for the trace to be deflected "upwards" on the record, as described in the Notes.

Earthquake Data

Location: Borrego Mountain, California
Date: April 8, 1968
Time: 1830 PST
Epicenter: $33^{\circ}11'24''\text{N}$, $116^{\circ}07'42''\text{W}$
Depth: 11.1 km
Magnitude: 6.4
Maximum Intensity: VII

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1Y370

68.99 4/8/68 1830 PST COLTON-S CALIF.EDISON CO. SOUTH

986 POINTS 84.852 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADRECTION, IS 0.0316 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.016	0.062	-0.010	0.090	0.031	0.191	-0.008	9.331	0.052	9.395	-0.048	9.433	0.185	9.497	-0.028	9.590	-0.042
0.281	0.021	0.311	-0.000	0.370	-0.027	0.388	-0.012	9.590	-0.042	9.628	-0.190	9.696	-0.056	9.730	0.045	9.764	0.042
0.436	0.038	0.465	0.021	0.502	0.007	0.531	-0.022	9.764	0.242	9.848	-0.071	9.861	-0.138	9.911	-0.109	9.961	-0.166
0.553	0.041	0.604	-0.022	0.630	0.026	0.696	0.026	9.961	-0.166	10.011	0.199	10.065	-0.119	10.119	-0.009	10.181	-0.188
0.747	-0.000	0.780	-0.034	0.830	-0.017	0.879	-0.017	10.181	-0.188	10.240	0.074	10.310	-0.118	10.366	0.163	10.442	-0.052
0.921	0.016	0.960	0.050	1.002	0.059	1.016	0.002	10.442	-0.052	10.522	0.106	10.590	-0.088	10.634	-0.212	10.710	-0.075
1.044	-0.032	1.097	-0.051	1.135	-0.046	1.202	0.003	10.710	-0.075	10.834	0.136	10.893	0.050	10.952	-0.096	11.023	-0.098
1.230	0.007	1.279	-0.017	1.329	0.004	1.397	-0.000	11.023	-0.098	11.063	-0.026	11.118	0.204	11.201	-0.191	11.284	0.154
1.400	0.019	1.458	-0.022	1.500	0.014	1.538	0.002	11.284	0.154	11.404	-0.044	11.464	0.018	11.505	0.002	11.557	0.031
1.622	-0.020	1.687	-0.010	1.706	0.014	1.770	0.007	11.557	0.031	11.609	-0.024	11.681	0.040	11.709	-0.101	11.797	0.137
1.793	-0.024	1.827	-0.020	1.884	0.002	1.929	-0.007	11.797	0.137	11.877	-0.052	11.970	-0.031	11.999	-0.043	12.045	-0.133
1.969	-0.007	2.057	0.020	2.111	-0.020	2.169	-0.007	12.045	-0.133	12.100	0.066	12.146	0.133	12.176	0.049	12.222	-0.085
2.250	-0.008	2.287	0.017	2.352	-0.020	2.412	-0.070	12.222	-0.085	12.277	0.009	12.315	0.151	12.389	0.012	12.432	-0.120
2.456	0.027	2.526	-0.010	2.586	0.029	2.668	-0.020	12.432	-0.120	12.472	-0.055	12.519	0.020	12.576	0.034	12.615	-0.032
2.759	0.036	2.778	0.028	2.835	0.024	2.877	0.020	12.615	-0.032	12.890	0.068	12.710	0.016	12.745	0.112	12.797	0.122
2.940	-0.011	2.985	-0.020	3.041	0.001	3.108	0.007	12.797	0.122	12.899	0.026	12.950	0.055	13.002	0.000	13.040	-0.078
3.188	0.004	3.283	-0.006	3.356	-0.007	3.393	0.041	13.040	-0.078	13.070	-0.141	13.117	-0.059	13.147	-0.056	13.211	-0.097
3.445	-0.036	3.519	-0.017	3.596	0.006	3.656	0.006	13.211	-0.097	13.279	-0.015	13.283	0.126	13.334	0.013	13.405	0.097
3.704	0.035	3.782	-0.013	3.785	0.006	3.864	-0.005	13.405	0.097	13.442	0.193	13.496	0.014	13.563	-0.065	13.588	-0.088
3.932	-0.012	4.038	-0.038	4.076	-0.006	4.178	-0.000	13.588	-0.088	13.643	0.093	13.647	0.004	13.718	-0.005	13.768	-0.013
4.295	-0.009	4.391	0.001	4.463	-0.018	4.509	0.007	13.768	-0.013	13.813	0.100	13.850	-0.007	13.907	-0.096	13.959	-0.005
4.578	-0.015	4.624	-0.031	4.715	0.027	4.780	0.005	13.959	-0.005	14.036	-0.036	14.069	-0.086	14.093	-0.069	14.105	0.096
4.904	-0.006	4.946	0.029	5.029	0.008	5.111	-0.026	14.105	0.096	14.170	0.106	14.223	0.025	14.239	-0.056	14.296	0.016
5.183	0.013	5.243	-0.026	5.307	-0.016	5.370	-0.016	14.296	0.016	14.304	0.114	14.391	0.045	14.446	0.011	14.498	-0.046
5.466	0.013	5.521	0.013	5.603	-0.018	5.658	-0.062	14.498	-0.046	14.521	-0.137	14.624	-0.102	14.687	-0.138	14.707	0.154
5.696	0.015	5.818	0.022	5.890	0.003	5.950	-0.002	14.707	0.154	14.755	0.172	14.778	0.109	14.821	0.064	14.825	0.038
5.999	-0.023	6.044	0.003	6.112	-0.006	6.172	-0.021	14.825	0.038	14.847	-0.008	14.897	0.009	14.988	0.058	14.999	0.041
6.221	-0.004	6.266	-0.033	6.328	-0.042	6.387	-0.004	14.999	0.041	15.022	0.000	15.048	-0.014	15.060	0.087	15.094	0.084
6.459	0.025	6.463	0.046	6.522	-0.016	6.605	-0.021	15.094	0.084	15.120	0.029	15.139	-0.172	15.204	-0.011	15.268	-0.066
6.633	0.022	6.637	0.008	6.692	-0.042	6.732	-0.054	15.268	-0.066	15.382	-0.046	15.414	0.028	15.454	-0.022	15.367	-0.054
6.787	-0.004	6.889	0.013	6.897	-0.006	6.959	-0.040	15.367	-0.054	15.548	0.064	15.588	-0.008	15.664	0.035	15.498	0.043
7.016	0.032	7.086	-0.009	7.152	0.037	7.221	-0.033	15.498	0.043	15.729	-0.041	15.791	-0.056	15.812	-0.068	15.697	-0.034
7.328	0.010	7.365	-0.033	7.460	0.025	7.530	-0.018	15.697	-0.034	15.891	0.007	15.919	0.023	15.943	-0.000	15.864	-0.063
7.575	-0.076	7.657	-0.030	7.805	-0.008	7.859	-0.030	15.864	-0.063	16.008	0.009	16.046	-0.034	16.119	-0.034	16.008	0.009
7.904	-0.071	7.986	-0.015	8.080	-0.049	8.150	-0.061	16.008	0.009	16.229	0.021	16.267	-0.012	16.304	-0.021	16.153	0.012
8.231	-0.008	8.268	0.035	8.326	0.091	8.396	0.033	16.153	0.012	16.373	-0.098	16.417	-0.114	16.445	-0.093	16.311	0.048
8.512	0.038	8.574	-0.038	8.657	-0.038	8.685	-0.124	16.311	0.048	16.558	-0.106	16.582	-0.034	16.709	-0.043	16.489	-0.080
8.760	-0.090	8.818	-0.174	8.881	-0.053	8.927	0.093	16.489	-0.080	16.770	0.020	16.831	-0.006	16.918	-0.003	16.770	0.020
8.973	-0.237	9.036	0.067	9.112	0.041	9.129	-0.057	16.770	0.020	17.027	0.024	17.151	-0.039	17.268	0.076	16.952	-0.087
9.163	-0.066	9.221	-0.049	9.263	-0.121	9.297	0.040	16.952	-0.087								

17.272	0.191	17.276	0.043	17.358	-0.029	17.402	0.024	31.416	0.058	31.527	0.031	31.574	0.002	31.729	-0.007
17.442	-0.038	17.530	0.045	17.610	-0.099	17.629	-0.013	31.761	-0.024	31.861	-0.036	31.974	-0.036	32.067	-0.020
17.669	0.076	17.717	0.100	17.777	-0.147	17.844	-0.089	32.111	-0.029	32.168	-0.032	32.232	-0.051	32.249	-0.015
17.890	-0.099	17.936	-0.003	18.006	-0.106	18.076	0.038	32.379	0.004	32.432	0.004	32.485	-0.010	32.558	-0.015
18.138	0.174	18.234	0.083	18.312	0.033	18.347	-0.022	32.652	0.003	32.734	0.027	32.876	0.008	32.957	-0.002
18.416	-0.084	18.509	-0.108	18.537	-0.007	18.568	-0.043	33.029	-0.008	33.086	-0.031	33.175	-0.011	33.215	-0.012
18.757	0.013	18.765	-0.114	18.843	0.099	18.922	-0.059	33.252	-0.017	33.288	0.015	33.328	0.028	33.379	0.014
19.025	0.052	19.107	-0.041	19.284	-0.057	19.300	0.010	33.441	-0.001	33.469	0.013	33.562	0.039	33.626	0.059
19.433	-0.047	19.476	0.054	19.624	0.055	19.682	-0.050	33.732	0.039	33.868	0.020	33.950	0.024	34.028	0.008
19.756	-0.023	19.839	-0.042	19.883	0.088	19.943	0.038	34.082	0.012	34.168	0.005	34.215	0.021	34.281	0.024
19.958	0.038	20.018	0.007	20.090	0.044	20.174	0.004	34.316	0.014	34.347	0.030	34.438	-0.020	34.478	-0.028
20.178	0.054	20.229	0.066	20.330	0.055	20.362	-0.046	34.584	-0.006	34.663	-0.010	34.663	-0.015	34.742	0.002
20.447	-0.067	20.476	-0.017	20.537	-0.016	20.610	-0.040	34.813	-0.009	34.886	-0.027	34.970	-0.019	35.051	-0.000
20.651	-0.033	20.700	-0.037	20.748	0.001	20.773	-0.025	35.148	0.007	35.225	-0.014	35.339	-0.024	35.451	0.000
20.876	0.085	20.934	0.078	21.000	-0.025	21.074	-0.068	35.501	0.010	35.589	-0.016	35.676	0.008	35.823	0.001
21.190	-0.024	21.261	-0.003	21.389	0.040	21.445	0.047	35.878	-0.035	35.933	-0.013	36.006	0.004	36.066	-0.005
21.506	-0.005	21.579	-0.027	21.627	-0.024	21.675	-0.044	36.095	-0.020	36.181	0.003	36.304	0.000	36.400	0.049
21.714	-0.036	21.744	-0.034	21.787	-0.058	21.835	-0.024	36.461	0.044	36.522	0.032	36.583	0.021	36.657	0.021
21.874	-0.032	21.891	0.019	22.008	-0.022	22.094	0.007	36.766	0.028	36.866	-0.007	36.917	0.014	36.990	0.012
22.194	0.060	22.211	0.014	22.320	-0.005	22.368	-0.004	37.084	-0.014	37.222	-0.038	37.282	-0.035	37.371	-0.040
22.420	-0.009	22.494	-0.090	22.598	-0.018	22.672	0.080	37.409	-0.037	37.501	-0.035	37.598	0.018	37.708	0.033
22.850	0.041	22.942	0.012	22.998	0.005	23.068	0.008	37.792	-0.003	37.878	0.022	37.922	0.001	38.060	-0.016
23.173	-0.058	23.238	-0.088	23.290	-0.057	23.345	0.018	38.186	-0.006	38.290	0.022	38.360	0.008	38.421	0.015
23.400	0.028	23.450	-0.012	23.584	-0.021	23.613	0.042	38.574	0.003	38.692	-0.010	38.818	-0.005	38.957	-0.000
23.676	0.023	23.880	0.021	23.950	0.028	24.041	0.029	39.121	-0.027	39.255	-0.012	39.400	0.019	39.500	0.038
24.119	0.017	24.227	0.037	24.272	0.016	24.355	-0.007	39.607	0.050	39.746	0.009	39.860	0.016	39.989	-0.008
24.453	0.005	24.486	-0.054	24.610	-0.059	24.659	-0.078	40.095	-0.000	40.177	-0.008	40.220	-0.008	40.298	-0.003
24.676	0.001	24.721	0.001	24.750	-0.046	24.791	0.030	40.362	0.014	40.483	0.004	40.531	0.002	40.607	0.035
24.875	0.009	24.955	0.033	24.972	-0.003	25.052	-0.029	40.696	0.033	40.743	0.023	40.802	0.016	40.900	0.033
25.137	-0.019	25.289	-0.002	25.367	-0.018	25.389	0.051	40.971	0.035	41.065	0.014	41.167	-0.008	41.317	-0.013
25.463	0.034	25.472	0.013	25.590	0.004	25.664	0.004	41.430	-0.015	41.531	-0.006	41.657	0.011	41.762	0.015
25.713	0.013	25.804	0.023	25.822	-0.006	25.899	-0.022	41.839	0.013	41.944	0.013	42.029	0.015	42.088	0.010
25.933	-0.022	25.972	0.019	26.023	0.048	26.088	0.060	42.185	-0.005	42.270	-0.005	42.305	0.002	42.406	-0.020
26.174	0.007	26.199	-0.017	26.242	0.010	26.302	0.012	42.500	-0.021	42.639	-0.007	42.700	-0.017	42.794	-0.027
26.365	-0.019	26.386	-0.043	26.445	-0.081	26.508	-0.074	42.879	0.023	42.953	0.006	43.008	-0.035	43.078	-0.006
26.559	-0.054	26.588	0.001	26.668	0.003	26.718	-0.030	43.167	0.022	43.223	-0.005	43.335	0.004	43.432	0.018
26.731	-0.037	26.802	0.001	26.883	0.032	26.930	0.033	43.544	0.015	43.585	-0.014	43.627	0.034	43.707	0.026
26.939	-0.013	26.956	-0.023	27.033	-0.018	27.093	0.006	43.811	0.011	43.844	0.020	43.951	0.022	44.008	-0.000
27.191	0.018	27.281	0.011	27.333	0.011	27.347	0.023	44.081	-0.006	44.185	-0.018	44.222	-0.019	44.265	-0.014
27.400	0.047	27.444	0.033	27.497	0.026	27.542	0.035	44.329	0.009	44.408	-0.015	44.503	-0.004	44.520	-0.001
27.591	0.052	27.648	0.047	27.675	0.016	27.728	0.004	44.582	0.001	44.694	0.007	44.780	0.014	44.843	0.016
27.768	0.026	27.839	0.009	27.883	0.021	27.919	0.038	44.893	0.018	44.918	0.030	44.961	0.042	45.051	0.032
27.999	0.014	28.074	0.014	28.163	-0.008	28.207	-0.032	45.087	0.012	45.166	-0.007	45.237	-0.026	45.335	-0.000
28.260	-0.024	28.342	0.002	28.387	-0.012	28.437	-0.003	45.379	-0.027	45.482	-0.036	45.541	0.016	45.689	-0.003
28.483	0.007	28.541	0.019	28.599	0.031	28.603	0.052	45.762	-0.008	45.833	0.002	45.901	-0.005	46.003	-0.017
28.636	0.071	28.707	0.047	28.781	-0.023	28.841	0.016	46.097	0.002	46.202	-0.000	46.316	-0.012	46.331	-0.036
28.899	0.045	28.960	0.026	29.026	-0.015	29.088	-0.039	46.401	-0.041	46.466	-0.024	46.548	-0.022	46.637	-0.048
29.130	-0.046	29.211	-0.015	29.315	-0.032	29.344	-0.032	46.691	-0.034	46.749	-0.000	46.863	0.009	46.960	0.016
29.377	-0.012	29.476	0.002	29.524	-0.000	29.608	-0.000	47.076	0.031	47.147	0.016	47.252	-0.003	47.318	0.002
29.593	0.010	29.740	0.008	29.785	0.004	29.858	0.021	47.347	0.014	47.412	-0.012	47.554	-0.002	47.615	-0.008
29.897	-0.012	29.959	-0.022	30.018	-0.001	30.095	0.014	47.699	0.002	47.713	-0.020	47.819	-0.003	47.975	0.003
30.147	-0.003	30.178	-0.010	30.258	-0.032	30.317	-0.037	48.023	0.001	48.071	0.015	48.142	0.010	48.260	0.015
30.366	-0.010	30.414	0.021	30.524	0.025	30.590	0.011	48.312	0.024	48.411	0.009	48.560	0.009	48.620	0.023
30.631	-0.015	30.700	-0.023	30.779	-0.020	30.852	-0.032	48.704	0.001	48.788	0.001	48.834	0.003	48.892	-0.002
30.941	-0.025	31.008	-0.025	31.067	-0.033	31.119	-0.009	48.961	0.005	49.035	-0.014	49.208	-0.008	49.243	-0.015
31.193	-0.019	31.245	0.017	31.297	0.034	31.353	0.019	49.305	-0.008	49.416	0.006	49.552	0.003	49.631	-0.014

49.711	-0.010	49.839	0.002	49.864	-0.005	49.938	-0.032
50.045	-0.018	50.074	0.003	50.144	-0.016	50.243	-0.002
50.345	-0.005	50.382	-0.017	50.488	-0.024	50.529	-0.013
50.618	-0.013	50.806	-0.009	50.912	-0.009	51.014	-0.009
51.159	-0.005	51.269	-0.005	51.505	-0.003	51.571	-0.010
51.831	0.004	51.978	0.011	52.121	0.018	52.172	0.029
52.263	0.027	52.386	0.008	52.422	0.010	52.517	0.000
52.644	-0.003	52.778	-0.015	52.962	-0.021	53.122	-0.024
53.270	-0.022	53.493	-0.013	53.641	-0.007	53.759	-0.005
53.792	-0.001	53.818	-0.013	53.879	0.001	53.928	0.004
54.007	-0.009	54.139	-0.002	54.178	0.003	54.262	0.019
54.408	-0.001	54.505	0.008	54.576	0.008	54.643	-0.004
54.731	0.006	54.802	-0.005	54.880	-0.005	55.113	-0.006
55.200	-0.006	55.344	-0.007	55.521	-0.008	55.637	-0.001
55.785	0.001	56.019	0.007	56.248	0.007	56.383	0.006
56.480	-0.001	56.667	-0.007	56.867	0.002	57.034	0.002
57.147	-0.008	57.330	-0.005	57.475	-0.008	57.678	-0.012
57.905	-0.014	57.987	0.001	58.310	0.002	58.505	-0.003
58.625	-0.004	58.866	-0.000	59.176	-0.001	59.491	-0.002
59.652	-0.002	59.696	-0.002	60.002	-0.002	60.276	-0.002
60.280	0.005	60.488	0.019	60.691	0.016	60.765	0.009
61.020	0.004	61.296	0.002	61.511	0.000	61.670	-0.009
61.787	-0.020	61.969	-0.016	62.188	-0.017	62.407	-0.010
62.579	-0.000	62.695	0.007	62.998	0.007	63.085	0.002
63.172	-0.005	63.331	-0.005	63.488	0.004	63.604	0.012
63.660	0.007	63.736	0.003	63.820	0.006	63.965	0.006
64.154	0.006	64.290	0.007	64.401	0.016	64.409	0.012
64.516	0.014	64.659	0.016	64.798	0.019	64.857	0.012
64.947	0.007	65.033	-0.000	65.088	-0.014	65.269	-0.005
65.363	-0.004	65.438	-0.004	65.564	-0.004	65.670	0.001
65.769	0.001	65.946	0.004	65.989	0.002	66.154	0.002
66.221	0.002	66.320	0.007	66.368	0.016	66.544	0.016
66.668	0.012	66.804	0.007	66.982	0.007	67.115	0.007
67.268	0.008	67.431	0.008	67.557	0.006	67.656	0.006
67.877	0.004	68.068	-0.003	68.318	-0.000	68.501	-0.000
68.655	0.002	68.819	0.002	69.019	0.003	69.164	0.003
69.310	0.006	69.491	0.004	69.691	0.002	69.927	-0.002
70.072	-0.002	70.258	-0.002	70.356	-0.001	70.531	0.004
70.809	0.006	71.051	0.003	71.238	-0.001	71.404	-0.006
71.662	-0.000	71.959	0.005	72.228	-0.004	72.483	0.001
72.701	0.004	72.866	0.007	73.155	0.008	73.421	0.004
73.556	0.005	73.800	0.010	73.927	0.010	74.091	0.006
74.327	0.004	74.498	0.007	74.666	0.007	74.839	0.006
74.992	0.008	75.126	0.007	75.249	0.016	75.539	0.021
75.802	0.009	76.013	0.006	76.181	0.006	76.362	0.004
76.511	0.014	76.699	0.021	76.867	0.014	77.076	0.004
77.226	0.002	77.488	0.002	77.646	0.007	77.878	0.014
78.113	0.007	78.323	0.007	78.561	0.002	78.823	-0.000
78.978	0.002	79.277	0.002	79.532	0.005	79.809	0.006
80.059	0.005	80.275	0.006	80.487	0.004	80.726	-0.001
81.014	0.009	81.231	0.005	81.530	0.003	81.865	0.004
82.120	0.005	82.351	0.006	82.623	0.006	82.921	0.007
83.188	0.007	83.372	0.004	83.609	0.004	83.812	0.004
84.065	0.004	84.326	0.004	84.464	0.007	84.603	0.007
84.756	0.007	84.852	0.012				

68.99 4/8/68 1830 PST COLTON-S CALIF. EDISON CO.

11137 POINTS 84.774 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0306 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.024	0.062	0.008	0.101	-0.015	0.172	0.032	7.950	-0.015	8.016	0.005	8.069	0.026	8.090	0.042	8.303	-0.006
0.234	-0.017	0.309	0.013	0.372	-0.006	0.445	-0.006	8.139	0.054	8.213	0.021	8.258	0.012	8.303	-0.006	8.452	-0.029
0.507	0.029	0.580	0.010	0.621	-0.054	0.654	-0.024	8.307	-0.038	8.357	-0.043	8.390	-0.029	8.452	-0.029	8.646	-0.033
0.712	0.024	0.767	-0.010	0.827	-0.010	0.852	-0.010	8.489	-0.047	8.568	-0.045	8.588	-0.017	8.646	-0.033	8.850	-0.068
0.894	-0.029	0.911	0.006	0.981	-0.006	0.988	0.019	8.696	-0.020	8.774	-0.045	8.812	-0.029	8.850	-0.068	9.039	-0.058
1.020	-0.008	1.041	-0.049	1.087	-0.024	1.136	0.001	8.921	0.095	9.005	0.017	9.010	-0.063	9.039	-0.058	9.190	-0.003
1.178	-0.006	1.220	0.001	1.272	-0.020	1.330	-0.033	9.073	-0.085	9.119	-0.100	9.157	-0.054	9.190	-0.003	9.329	-0.003
1.333	0.006	1.369	-0.006	1.398	-0.029	1.440	-0.029	9.241	-0.013	9.253	0.065	9.300	0.102	9.329	-0.003	9.487	-0.095
1.501	-0.006	1.556	0.010	1.572	-0.010	1.601	0.001	9.385	-0.006	9.410	-0.095	9.487	-0.061	9.529	-0.095	9.682	-0.173
1.665	0.035	1.697	-0.008	1.758	-0.026	1.810	-0.010	9.588	-0.130	9.605	-0.015	9.631	0.047	9.682	-0.173	9.842	-0.106
1.814	-0.036	1.847	0.013	1.932	-0.017	1.974	-0.010	9.720	-0.063	9.725	-0.003	9.792	-0.235	9.842	-0.106	10.000	-0.106
2.004	0.024	2.077	-0.024	2.159	-0.029	2.210	-0.015	9.892	-0.063	9.925	-0.003	9.959	0.036	10.000	-0.106	10.175	-0.039
2.258	-0.001	2.308	-0.033	2.321	-0.042	2.359	-0.008	10.042	-0.120	10.075	-0.064	10.113	0.105	10.175	-0.039	10.323	-0.002
2.406	-0.015	2.479	-0.017	2.532	0.003	2.595	-0.020	10.209	0.121	10.246	-0.055	10.283	-0.103	10.323	-0.002	10.535	-0.051
2.677	-0.013	2.737	0.013	2.779	0.010	2.825	-0.024	10.383	-0.039	10.423	0.094	10.491	-0.008	10.535	-0.051	10.659	-0.044
2.881	-0.029	2.937	-0.006	2.951	0.022	2.993	-0.006	10.579	-0.072	10.615	-0.078	10.635	-0.027	10.659	-0.044	10.836	-0.002
3.045	-0.008	3.108	-0.026	3.175	-0.033	3.217	-0.029	10.711	0.007	10.763	-0.097	10.838	-0.054	10.856	-0.002	11.079	-0.056
3.241	-0.003	3.276	0.013	3.295	-0.008	3.313	-0.020	10.941	-0.183	11.000	-0.112	11.048	-0.024	11.079	-0.056	11.202	-0.074
3.354	-0.001	3.454	-0.022	3.454	-0.022	3.473	-0.022	11.123	-0.067	11.150	-0.152	11.182	-0.055	11.202	-0.074	11.309	-0.020
3.532	0.017	3.680	-0.022	3.721	-0.038	3.754	0.015	11.218	0.097	11.249	-0.018	11.277	-0.072	11.309	-0.020	11.469	-0.064
3.871	-0.012	3.886	-0.010	3.950	0.015	4.007	-0.028	11.357	0.128	11.405	0.103	11.437	-0.007	11.469	-0.064	11.650	-0.009
4.060	-0.042	4.098	-0.005	4.177	0.009	4.245	-0.006	11.517	0.095	11.594	0.002	11.650	0.032	11.718	-0.009	11.871	-0.026
4.291	0.008	4.356	-0.012	4.390	-0.030	4.451	-0.032	11.783	-0.112	11.842	-0.119	11.871	-0.022	11.981	-0.026	12.166	-0.145
4.478	0.000	4.512	0.014	4.600	0.008	4.665	0.009	12.018	0.001	12.082	0.050	12.162	-0.085	12.166	-0.145	12.301	-0.039
4.695	-0.014	4.757	-0.030	4.787	-0.018	4.870	0.016	12.195	0.166	12.233	-0.145	12.267	-0.106	12.301	-0.039	12.419	0.141
4.907	0.014	4.960	-0.011	4.994	-0.013	5.001	0.005	12.328	-0.087	12.371	-0.167	12.414	-0.091	12.419	0.141	12.562	0.141
5.088	0.010	5.151	-0.008	5.178	-0.003	5.200	-0.022	12.445	0.189	12.492	0.113	12.518	0.101	12.562	0.141	12.748	-0.130
5.234	-0.036	5.275	-0.020	5.309	-0.010	5.383	-0.001	12.601	0.188	12.675	0.196	12.679	-0.024	12.748	-0.130	12.919	-0.003
5.412	0.006	5.455	0.004	5.475	-0.026	5.535	0.001	12.821	-0.052	12.860	0.072	12.864	-0.008	12.919	-0.003	13.081	-0.029
5.612	-0.001	5.653	-0.028	5.716	-0.019	5.761	-0.010	12.945	-0.079	12.992	-0.052	13.026	-0.006	13.081	-0.029	13.196	-0.008
5.802	-0.019	5.850	-0.030	5.907	-0.016	5.941	-0.000	13.094	-0.093	13.111	-0.075	13.145	0.010	13.196	-0.008	13.332	-0.013
6.077	-0.009	6.122	-0.011	6.209	-0.002	6.258	-0.020	13.209	-0.056	13.252	-0.040	13.294	0.040	13.332	-0.013	13.590	-0.127
6.313	-0.029	6.388	-0.009	6.447	-0.018	6.507	-0.004	13.344	-0.063	13.382	0.013	13.419	0.111	13.448	0.059	13.732	0.082
6.517	-0.031	6.645	-0.006	6.701	-0.006	6.748	-0.019	13.486	0.059	13.549	0.004	13.586	-0.051	13.590	-0.127	13.936	-0.069
6.797	-0.024	6.825	-0.019	6.887	-0.012	6.932	0.018	13.641	-0.104	13.686	-0.118	13.712	0.045	13.732	0.082	14.066	0.061
6.969	0.027	7.006	0.015	7.034	-0.007	7.104	-0.012	13.798	-0.001	13.880	-0.025	13.912	-0.059	13.936	-0.069	14.192	-0.136
7.157	-0.003	7.231	-0.003	7.317	-0.012	7.371	-0.030	13.961	-0.111	13.997	-0.120	14.054	-0.062	14.066	0.061	14.344	-0.064
7.408	-0.011	7.433	0.005	7.482	0.039	7.540	0.021	14.123	-0.065	14.127	-0.266	14.184	-0.315	14.192	-0.136	14.494	-0.057
7.560	-0.034	7.618	-0.043	7.684	-0.020	7.729	-0.043	14.220	0.039	14.269	0.158	14.285	0.107	14.344	-0.064	14.559	-0.048
7.774	-0.009	7.831	-0.022	7.860	-0.004	7.918	-0.015	14.391	-0.000	14.427	0.027	14.459	0.048	14.494	-0.057		

14.518	-0.075	14.542	-0.027	14.593	0.014	14.652	0.001	26.439	0.047	26.502	0.033	26.532	-0.003	26.603	-0.010
14.684	0.035	14.747	0.015	14.782	-0.056	14.831	-0.098	26.658	-0.007	26.670	0.025	26.700	0.052	26.754	0.062
14.802	-0.049	14.900	-0.012	14.922	-0.056	14.968	0.004	26.801	0.034	26.805	0.004	26.908	-0.034	26.942	-0.020
15.002	-0.044	15.055	0.002	15.111	-0.037	15.138	0.081	27.074	-0.022	27.139	-0.031	27.211	-0.052	27.311	-0.033
15.150	-0.090	15.188	-0.131	15.199	-0.085	15.210	0.073	27.316	0.001	27.378	-0.001	27.484	-0.005	27.546	0.018
15.244	0.128	15.300	0.193	15.358	0.143	15.419	0.124	27.661	0.023	27.732	-0.005	27.750	-0.030	27.848	-0.041
15.437	-0.041	15.517	-0.084	15.550	-0.047	15.629	-0.017	27.936	-0.021	28.029	0.007	28.074	0.021	28.092	0.041
15.680	-0.040	15.731	-0.033	15.784	-0.017	15.846	0.030	28.158	-0.039	28.269	0.005	28.327	0.008	28.398	-0.006
15.836	-0.078	15.864	0.027	15.915	0.073	15.946	0.078	28.522	-0.022	28.622	-0.003	28.738	0.006	28.802	-0.054
16.036	-0.020	16.060	0.037	16.108	0.083	16.142	0.039	28.844	0.036	28.898	0.016	28.991	0.009	29.060	-0.048
16.235	0.053	16.263	-0.050	16.273	-0.116	16.325	0.118	29.157	-0.037	29.242	0.007	29.350	0.042	29.445	0.044
16.359	-0.134	16.444	-0.063	16.482	0.043	16.513	0.013	29.537	0.040	29.607	0.015	29.676	0.013	29.742	0.020
16.540	0.006	16.605	0.007	16.636	-0.000	16.688	0.025	29.764	-0.008	29.820	-0.017	29.911	-0.017	29.966	-0.000
16.781	0.012	16.819	-0.002	16.902	0.033	17.015	-0.067	30.022	-0.025	30.116	0.007	30.196	-0.005	30.231	-0.018
17.052	0.043	17.128	0.004	17.218	0.064	17.267	0.014	30.334	-0.016	30.393	-0.039	30.410	-0.037	30.445	0.007
17.295	-0.106	17.355	0.117	17.395	0.044	17.439	-0.107	30.531	0.009	30.600	0.023	30.659	0.014	30.731	0.014
17.475	-0.135	17.502	-0.050	17.582	0.001	17.610	-0.029	30.821	-0.021	30.884	0.016	30.940	0.026	30.999	0.019
17.666	-0.061	17.710	0.031	17.762	0.013	17.809	-0.106	31.058	0.014	31.110	0.010	31.151	0.003	31.181	0.014
17.859	-0.083	17.894	-0.037	17.944	-0.089	17.979	-0.126	31.274	-0.007	31.353	0.005	31.448	0.009	31.519	0.007
18.033	-0.036	18.064	0.051	18.153	0.044	18.215	-0.004	31.591	-0.021	31.662	-0.016	31.801	-0.002	31.894	0.005
18.296	-0.038	18.362	-0.052	18.374	0.024	18.416	0.054	31.987	0.007	32.076	-0.005	32.112	-0.023	32.177	-0.030
18.494	0.015	18.540	-0.019	18.587	-0.012	18.657	-0.035	32.250	-0.011	32.290	-0.004	32.425	-0.014	32.470	0.016
18.695	-0.026	18.761	-0.025	18.769	0.023	18.828	0.004	32.523	0.016	32.584	0.009	32.670	0.032	32.723	0.021
18.879	-0.016	18.919	-0.002	18.962	-0.034	19.052	0.016	32.820	-0.004	32.942	-0.009	33.039	-0.009	33.119	0.003
19.084	-0.032	19.119	-0.059	19.143	-0.034	19.194	-0.043	33.176	-0.013	33.233	-0.015	33.300	-0.020	33.367	-0.004
19.245	0.001	19.335	0.065	19.398	0.046	19.499	0.066	33.422	0.010	33.492	0.019	33.520	0.008	33.536	-0.001
19.518	-0.014	19.577	-0.058	19.674	-0.065	19.678	0.018	33.610	-0.022	33.708	0.044	33.771	0.033	33.818	0.012
19.792	0.025	19.868	0.064	19.911	-0.030	20.015	-0.002	33.876	0.015	33.946	0.015	34.004	-0.006	34.055	-0.013
20.079	-0.027	20.115	-0.114	20.170	-0.061	20.234	-0.027	34.137	-0.003	34.242	-0.017	34.285	-0.029	34.328	-0.013
20.266	-0.061	20.282	-0.072	20.327	-0.049	20.380	-0.088	34.407	-0.013	34.533	0.029	34.632	0.017	34.730	0.015
20.494	-0.070	20.546	0.041	20.571	0.082	20.624	0.022	34.806	0.001	34.871	0.003	34.887	0.003	34.947	0.008
20.713	0.036	20.737	-0.012	20.782	-0.046	20.849	-0.060	35.060	-0.010	35.165	-0.038	35.295	-0.006	35.374	-0.015
20.907	-0.055	20.969	-0.004	21.068	-0.020	21.139	0.006	35.453	-0.017	35.578	0.010	35.653	0.003	35.703	0.026
21.155	-0.022	21.297	-0.031	21.349	-0.047	21.427	-0.021	35.757	0.029	35.851	-0.001	35.919	0.031	35.962	-0.003
21.514	0.034	21.622	0.048	21.669	0.053	21.695	0.108	36.005	0.008	36.128	0.031	36.201	0.022	36.282	0.024
21.786	-0.027	21.838	-0.057	21.873	-0.013	21.907	0.003	36.387	-0.003	36.548	-0.008	36.700	0.004	36.753	0.006
21.955	-0.022	22.024	-0.088	22.037	-0.084	22.081	-0.028	36.847	-0.004	36.920	-0.012	37.028	-0.017	37.191	-0.016
22.167	-0.053	22.202	-0.014	22.258	0.039	22.284	0.064	37.289	-0.016	37.415	-0.003	37.558	-0.009	37.563	-0.018
22.341	0.074	22.358	0.064	22.362	0.044	22.410	0.030	37.609	0.005	37.765	0.021	37.843	0.012	37.929	0.019
22.502	0.021	22.584	0.013	22.654	0.031	22.706	0.025	37.977	0.016	38.038	0.016	38.116	0.019	38.184	0.010
22.775	0.004	22.850	-0.009	22.897	0.012	22.928	-0.020	38.233	0.024	38.303	0.019	38.390	0.008	38.532	0.003
22.998	-0.011	23.054	-0.020	23.124	-0.010	23.172	-0.013	38.617	0.008	38.665	0.003	38.829	-0.004	38.984	0.013
23.216	-0.049	23.276	-0.079	23.314	-0.106	23.364	0.085	39.085	0.013	39.152	0.019	39.224	0.022	39.286	0.013
23.410	-0.035	23.494	0.014	23.519	0.030	23.559	0.033	39.345	0.015	39.434	0.010	39.512	0.010	39.560	-0.001
23.636	-0.018	23.674	-0.029	23.686	0.004	23.732	0.024	39.702	-0.015	39.782	0.001	39.856	0.001	39.934	-0.003
23.803	0.036	23.836	0.036	23.886	0.004	23.944	-0.005	40.013	-0.006	40.091	-0.001	40.216	0.003	40.305	0.013
23.997	0.004	24.080	-0.002	24.134	-0.002	24.150	0.028	40.432	0.022	40.546	0.019	40.593	0.012	40.640	0.010
24.233	0.012	24.266	0.031	24.344	0.008	24.410	-0.033	40.686	-0.021	40.771	0.021	40.811	0.005	40.896	-0.007
24.459	-0.026	24.480	-0.005	24.537	0.027	24.579	0.020	41.047	-0.004	41.100	-0.002	41.136	0.007	41.207	0.002
24.628	-0.007	24.702	-0.011	24.751	0.000	24.789	0.014	41.315	0.004	41.357	-0.001	41.403	0.024	41.454	0.035
24.852	-0.004	24.958	-0.008	25.029	-0.017	25.139	0.006	41.542	0.017	41.622	0.021	41.656	0.037	41.723	0.046
25.181	0.006	25.245	0.007	25.274	0.032	25.353	0.025	41.796	0.034	41.854	0.002	41.905	-0.001	41.967	0.029
25.449	0.032	25.528	0.037	25.607	0.017	25.633	0.006	42.045	0.039	42.150	-0.016	42.231	-0.000	42.270	0.018
25.668	-0.020	25.712	-0.035	25.773	-0.059	25.859	-0.042	42.338	0.036	42.450	-0.013	42.499	-0.013	42.548	0.007
25.868	-0.010	25.941	-0.028	25.996	-0.023	26.026	-0.002	42.601	0.002	42.680	-0.035	42.740	-0.035	42.829	-0.020
26.082	0.011	26.168	0.025	26.267	0.039	26.347	0.047	42.907	-0.011	42.966	0.009	43.040	-0.000	43.084	0.010

43.173	-0.003	43.228	0.006	43.286	0.003	43.311	0.001	65.415	0.003	*65.493	-0.003	65.623	-0.003	65.671	-0.003
43.380	0.014	43.450	0.000	43.610	-0.010	43.652	0.004	65.761	-0.003	65.808	0.002	65.911	0.006	65.997	0.007
43.776	0.019	43.860	0.009	43.943	-0.005	44.054	-0.010	66.072	0.005	66.186	0.001	66.285	0.006	66.349	0.004
44.107	-0.003	44.134	0.013	44.201	0.020	44.277	0.010	66.413	0.004	66.525	0.003	66.637	0.001	66.749	0.001
44.315	0.017	44.376	0.028	44.455	0.010	44.523	0.005	66.852	0.001	66.964	0.003	67.117	0.003	67.229	0.003
44.568	0.012	44.595	0.005	44.649	-0.004	44.721	-0.004	67.262	-0.003	67.342	-0.003	67.472	-0.003	67.568	-0.001
44.790	-0.002	44.862	-0.002	44.919	0.012	44.991	0.028	67.667	0.008	67.846	0.008	67.953	0.008	68.068	0.002
45.074	0.012	45.142	-0.007	45.203	0.002	45.300	0.014	68.282	0.003	68.357	-0.004	68.453	0.010	68.519	0.001
45.367	0.028	45.448	0.011	45.499	0.014	45.584	0.023	68.574	0.004	68.736	0.009	68.869	0.010	68.964	0.008
45.632	0.014	45.731	0.009	45.824	0.009	45.929	0.016	69.102	0.005	69.213	0.003	69.320	0.001	69.486	0.002
45.990	0.016	46.103	0.002	46.137	0.006	46.160	-0.001	69.611	0.002	69.778	0.006	69.896	0.014	70.029	0.007
46.220	-0.010	46.304	-0.019	46.358	-0.005	46.336	-0.010	70.200	0.012	70.318	0.002	70.416	0.007	70.563	0.006
46.710	0.008	46.802	-0.006	46.861	0.013	46.970	0.015	70.692	0.001	70.796	0.003	70.875	0.006	71.017	0.008
47.007	-0.001	47.108	-0.008	47.228	0.007	47.287	0.007	71.089	0.013	71.144	0.015	71.237	0.015	71.281	0.010
47.338	-0.002	47.399	0.018	47.519	0.020	47.595	0.008	71.416	0.001	71.521	-0.003	71.617	-0.006	71.799	-0.007
47.639	-0.008	47.653	-0.004	47.751	0.014	47.825	0.011	72.008	-0.004	72.018	-0.006	72.167	0.001	72.333	0.002
47.869	0.001	48.006	0.007	48.092	0.018	48.140	0.015	72.489	0.002	72.707	0.002	72.827	0.005	72.950	0.010
48.196	-0.008	48.240	0.001	48.399	0.011	48.563	0.003	73.066	0.008	73.251	0.004	73.454	0.005	73.619	0.005
48.635	0.008	48.772	-0.007	48.922	-0.028	48.936	-0.001	73.758	-0.004	73.978	-0.003	74.176	-0.001	74.261	0.003
49.162	-0.011	49.258	-0.009	49.338	0.000	49.393	0.007	74.341	0.010	74.566	0.006	74.699	0.008	74.888	0.010
49.473	-0.002	49.548	-0.000	49.636	-0.011	49.771	0.013	74.997	0.017	75.098	0.017	75.182	0.017	75.322	0.015
49.812	-0.003	49.911	-0.001	49.956	-0.001	50.047	-0.008	75.458	0.019	75.600	0.016	75.692	0.016	75.791	0.016
50.096	-0.015	50.191	-0.001	50.285	-0.011	50.408	-0.022	75.938	0.015	76.034	0.006	76.245	0.006	76.357	0.006
50.498	-0.018	50.624	-0.011	50.706	-0.002	50.763	-0.002	76.458	0.006	76.550	0.001	76.738	0.002	76.869	0.010
50.853	-0.012	50.963	-0.005	51.155	0.002	51.331	0.001	77.078	0.019	77.266	0.015	77.373	0.015	77.504	0.011
51.540	-0.001	51.605	-0.008	51.687	-0.018	51.816	-0.013	77.687	0.005	77.758	0.005	77.879	0.013	78.013	0.009
51.887	0.000	52.089	0.015	52.169	0.022	52.240	0.017	78.211	0.001	78.425	-0.001	78.546	-0.001	78.752	-0.001
52.379	0.007	52.521	-0.007	52.573	-0.005	52.652	-0.003	78.883	-0.001	79.095	-0.001	79.333	-0.001	79.408	0.015
52.660	-0.012	52.755	0.002	52.818	0.002	52.853	-0.005	79.685	0.010	79.817	0.010	80.090	0.008	80.310	0.009
52.923	-0.011	52.989	0.011	53.118	0.006	53.231	0.002	80.367	0.009	80.527	0.003	80.717	0.003	80.851	0.003
53.401	0.009	53.524	-0.001	53.597	-0.008	53.753	-0.009	81.034	0.003	81.187	-0.008	81.434	-0.003	81.637	0.001
53.870	-0.009	53.958	-0.019	54.046	-0.014	54.121	-0.001	81.734	0.001	81.853	-0.006	82.116	0.001	82.230	-0.006
54.200	-0.003	54.239	-0.013	54.314	-0.013	54.376	-0.006	82.363	-0.006	82.584	-0.006	82.792	-0.006	82.980	-0.003
54.483	-0.004	54.612	-0.002	54.718	0.007	54.810	0.014	83.117	-0.001	83.285	-0.001	83.429	0.006	83.604	0.013
54.892	0.014	55.009	0.013	55.169	0.002	55.293	-0.002	83.797	0.013	84.001	0.017	84.169	0.017	84.231	0.010
55.474	0.002	55.618	0.000	55.871	0.000	56.126	0.000	84.409	0.009	84.508	0.008	84.626	0.007	84.710	0.006
56.220	-0.009	56.283	-0.014	56.391	0.001	56.510	-0.006	84.774	0.001						
56.611	-0.011	56.715	-0.010	56.875	0.003	57.003	0.009								
57.190	0.003	57.358	0.004	57.554	0.017	57.691	0.011								
57.824	0.006	57.916	0.005	58.083	0.004	58.225	0.013								
58.324	0.008	58.418	-0.002	58.519	0.000	58.568	0.000								
58.691	-0.005	58.808	0.011	58.908	0.013	58.961	-0.001								
59.133	-0.011	59.248	-0.011	59.440	-0.005	59.826	-0.008								
59.892	-0.004	60.100	-0.002	60.286	0.007	60.360	0.006								
60.508	0.008	60.564	0.007	60.601	-0.002	60.745	0.016								
60.894	0.006	61.105	0.005	61.264	0.004	61.408	0.003								
61.612	0.002	61.733	0.002	61.799	0.006	61.850	0.020								
61.954	0.024	62.041	0.012	62.192	0.011	62.284	-0.000								
62.400	0.004	62.544	-0.012	62.688	-0.003	62.879	-0.001								
63.006	-0.003	63.097	-0.006	63.220	0.005	63.344	0.007								
63.484	0.007	63.589	0.007	63.629	0.007	63.713	0.006								
63.717	0.006	63.781	0.008	63.877	0.000	63.966	0.014								
64.126	0.013	64.263	0.015	64.378	0.015	64.489	0.015								
64.493	0.013	64.573	0.006	64.648	0.002	64.739	0.000								
64.838	-0.002	64.947	-0.001	64.998	-0.004	65.100	-0.003								
65.143	-0.001	65.214	0.003	65.320	0.010	65.391	0.008								

1Y370

68.99 4/8/68 1830 PST COLTON-S CALIF.EDISON CO.

UP

1124 POINTS 84.688 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0214 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.043	0.012	-0.030	0.039	-0.023	0.074	0.001	5.393	0.031	5.423	-0.004	5.453	-0.040	5.497	-0.021	5.527	-0.013	5.560	-0.001
0.113	0.045	0.140	0.008	0.160	-0.031	0.194	-0.002	5.512	0.018	5.560	-0.001	5.627	-0.013	5.694	0.004	5.765	-0.001	5.825	-0.014
0.216	0.001	0.234	-0.017	0.264	-0.009	0.293	0.025	5.765	-0.004	5.795	-0.028	5.825	-0.020	5.874	0.014	5.935	-0.006	5.969	-0.023
0.311	-0.010	0.333	-0.032	0.407	-0.027	0.429	-0.020	5.935	-0.006	5.969	-0.023	5.991	-0.020	6.055	-0.006	6.112	0.004	6.142	-0.013
0.432	0.012	0.451	0.039	0.469	0.014	0.498	-0.008	6.112	0.004	6.142	-0.013	6.211	-0.008	6.254	-0.033	6.258	0.038	6.298	0.046
0.528	0.001	0.560	0.001	0.575	-0.009	0.593	-0.017	6.258	0.038	6.298	0.046	6.334	-0.002	6.346	-0.035	6.401	-0.018	6.437	0.026
0.615	0.008	0.652	0.022	0.663	-0.012	0.706	-0.008	6.401	-0.018	6.437	0.026	6.472	-0.033	6.520	-0.001	6.552	0.009	6.575	-0.023
0.724	0.004	0.755	0.036	0.769	0.004	0.797	-0.016	6.552	0.009	6.575	-0.023	6.635	-0.020	6.678	-0.003	6.719	-0.028	6.781	-0.016
0.846	-0.002	0.881	0.008	0.906	-0.012	0.938	-0.024	6.719	-0.028	6.781	-0.016	6.809	0.011	6.846	0.026	6.867	-0.035	6.916	0.026
0.973	0.005	1.008	0.029	1.036	-0.005	1.064	-0.035	6.867	-0.035	6.916	0.026	7.043	-0.008	7.074	-0.008	7.108	0.007	7.170	-0.008
1.081	-0.042	1.117	-0.015	1.145	-0.003	1.176	0.002	7.043	-0.008	7.074	-0.008	7.108	0.007	7.170	-0.008	7.195	-0.000	7.203	-0.018
1.196	-0.016	1.232	-0.025	1.248	0.016	1.283	0.002	7.195	-0.000	7.203	-0.018	7.215	-0.035	7.252	-0.025	7.302	0.005	7.334	-0.010
1.293	-0.038	1.338	-0.038	1.373	-0.020	1.409	-0.013	7.302	0.005	7.334	-0.010	7.396	-0.044	7.466	-0.029	7.507	-0.002	7.544	-0.019
1.431	-0.038	1.467	-0.030	1.525	-0.011	1.547	-0.011	7.507	-0.002	7.544	-0.019	7.602	-0.026	7.618	-0.048	7.713	-0.023	7.738	-0.003
1.579	-0.028	1.612	-0.011	1.666	0.004	1.689	0.011	7.713	-0.023	7.738	-0.003	7.787	-0.028	7.844	-0.027	7.901	-0.017	7.947	0.010
1.740	-0.006	1.788	-0.001	1.794	0.004	1.831	-0.001	7.901	-0.017	7.947	0.010	8.037	-0.014	8.078	0.018	8.127	0.033	8.139	0.055
1.888	-0.011	1.918	-0.011	1.952	-0.003	1.958	-0.018	8.127	0.033	8.139	0.055	8.192	0.038	8.259	0.031	8.275	0.076	8.312	0.044
1.982	-0.033	2.012	-0.020	2.030	-0.008	2.055	-0.020	8.275	0.076	8.312	0.044	8.395	-0.025	8.407	-0.036	8.469	-0.053	8.502	-0.038
2.073	-0.030	2.085	-0.020	2.118	-0.018	2.127	-0.038	8.469	-0.053	8.502	-0.038	8.544	-0.094	8.597	-0.039	8.655	-0.101	8.709	-0.087
2.148	-0.043	2.176	-0.035	2.219	-0.006	2.254	-0.020	8.655	-0.101	8.709	-0.087	8.747	-0.025	8.768	0.021	8.810	-0.006	8.865	0.051
2.273	-0.030	2.298	-0.016	2.330	-0.003	2.368	-0.015	8.810	-0.006	8.865	0.051	8.936	0.080	8.962	0.112	8.983	0.039	9.046	0.014
2.390	-0.013	2.428	0.012	2.447	0.007	2.475	-0.039	8.983	0.039	9.046	0.014	9.079	-0.047	9.142	-0.091	9.218	-0.066	9.222	-0.027
2.535	-0.034	2.541	-0.012	2.617	-0.008	2.642	-0.020	9.218	-0.066	9.222	-0.027	9.282	-0.059	9.282	-0.091	9.324	-0.047	9.371	0.022
2.677	-0.037	2.729	-0.037	2.743	-0.029	2.764	-0.002	9.324	-0.047	9.371	0.022	9.435	-0.003	9.465	-0.025	9.515	-0.002	9.545	0.042
2.827	-0.001	2.851	0.006	2.876	-0.014	2.907	-0.031	9.515	-0.002	9.545	0.042	9.600	0.022	9.634	0.066	9.673	0.076	9.706	-0.061
2.921	-0.021	2.938	0.018	2.956	-0.001	2.987	-0.043	9.673	0.076	9.706	-0.061	9.764	0.098	9.869	-0.041	9.981	0.000	10.002	0.020
3.005	-0.055	3.033	-0.023	3.064	0.002	3.092	-0.034	9.981	0.000	10.002	0.020	10.044	-0.010	10.102	0.030	10.139	-0.019	10.185	0.032
3.117	-0.010	3.173	-0.010	3.213	0.000	3.246	-0.015	10.139	-0.019	10.185	0.032	10.233	-0.087	10.273	-0.068	10.333	0.008	10.377	-0.087
3.287	-0.000	3.335	-0.019	3.376	-0.002	3.417	0.006	10.333	0.008	10.377	-0.087	10.441	0.050	10.461	0.097	10.501	0.002	10.537	-0.091
3.439	-0.004	3.472	-0.031	3.494	-0.033	3.542	0.011	10.501	0.002	10.537	-0.091	10.573	-0.013	10.621	0.090	10.665	-0.064	10.693	-0.096
3.598	0.006	3.639	0.001	3.665	-0.021	3.721	-0.008	10.665	-0.064	10.693	-0.096	10.741	-0.015	10.772	0.071	10.812	0.118	10.887	-0.039
3.757	0.006	3.816	-0.030	3.872	-0.040	3.884	-0.023	10.812	0.118	10.887	-0.039	10.946	-0.017	11.017	0.015	11.112	-0.087	11.187	-0.053
3.887	0.016	3.918	0.033	3.963	0.023	4.005	-0.069	11.112	-0.087	11.187	-0.053	11.263	-0.062	11.340	0.070	11.424	-0.065	11.464	-0.003
4.069	-0.043	4.099	0.026	4.126	-0.020	4.171	0.006	11.424	-0.065	11.464	-0.003	11.512	-0.023	11.612	0.022	11.676	-0.064	11.739	0.010
4.236	-0.003	4.331	-0.018	4.392	-0.011	4.430	-0.003	11.676	-0.064	11.739	0.010	11.773	-0.047	11.832	-0.081	11.870	-0.076	11.916	0.027
4.495	-0.020	4.510	-0.008	4.545	-0.003	4.583	-0.032	11.870	-0.076	11.916	0.027	11.941	0.052	11.975	0.032	12.017	0.025	12.059	0.209
4.621	-0.015	4.644	0.004	4.678	-0.018	4.727	0.012	12.017	0.025	12.059	0.209	12.088	0.218	12.131	0.040	12.160	-0.026	12.207	0.028
4.814	-0.022	4.851	0.017	4.889	-0.019	4.975	0.018	12.160	-0.026	12.207	0.028	12.239	0.040	12.281	-0.107	12.324	-0.168	12.350	-0.070
5.028	-0.012	5.081	0.010	5.133	-0.026	5.212	-0.026	12.324	-0.168	12.350	-0.070	12.376	-0.041	12.420	-0.055	12.467	-0.063	12.485	-0.048
5.275	0.026	5.305	0.001	5.327	-0.048	5.371	-0.006	12.467	-0.063	12.485	-0.048	12.541	-0.063	12.585	-0.026				

12.611	0.018	12.654	0.004	12.697	0.036	12.740	0.097	21.384	-0.020	21.393	0.007	21.484	-0.037	21.532	0.022
12.799	0.092	12.876	0.056	12.915	-0.030	12.974	-0.069	21.592	0.052	21.666	0.003	21.731	-0.079	21.796	0.030
13.013	0.002	13.034	0.034	13.106	-0.032	13.132	-0.059	21.878	0.018	21.934	0.031	21.943	-0.040	22.017	-0.030
13.149	-0.010	13.204	-0.000	13.221	0.051	13.237	0.068	22.073	-0.052	22.181	-0.050	22.190	-0.028	22.246	-0.018
13.267	-0.007	13.317	0.022	13.342	0.002	13.396	0.059	22.320	-0.037	22.346	-0.017	22.394	0.002	22.442	0.015
13.417	-0.100	13.459	0.063	13.492	0.003	13.526	0.044	22.503	-0.032	22.607	0.013	22.659	0.011	22.698	0.040
13.555	0.005	13.559	-0.063	13.584	-0.098	13.588	-0.112	22.773	-0.003	22.847	-0.032	22.881	-0.020	22.964	-0.047
13.626	-0.100	13.638	-0.071	13.647	-0.036	13.659	0.004	22.990	-0.024	23.043	-0.002	23.086	-0.002	23.130	0.010
13.709	0.010	13.721	-0.002	13.757	0.002	13.761	0.035	23.253	0.018	23.320	0.033	23.370	0.028	23.429	0.006
13.782	0.050	13.802	0.057	13.810	0.013	13.834	0.016	23.500	-0.008	23.605	-0.015	23.672	-0.040	23.816	-0.010
13.859	0.030	13.863	0.057	13.879	0.072	13.924	0.050	23.907	0.012	23.957	0.032	24.007	0.018	24.093	0.025
13.976	0.070	14.029	0.072	14.037	0.028	14.114	0.006	24.172	0.008	24.238	-0.021	24.279	-0.016	24.378	-0.030
14.118	-0.002	14.175	-0.092	14.207	-0.062	14.223	-0.038	24.460	-0.037	24.509	-0.035	24.625	-0.029	24.645	0.003
14.266	-0.001	14.302	-0.023	14.361	-0.023	14.365	-0.003	24.737	0.014	24.783	0.018	24.826	-0.021	24.897	0.004
14.369	0.036	14.373	0.024	14.412	0.009	14.424	-0.018	24.927	0.014	25.020	-0.010	25.121	-0.015	25.180	-0.024
14.428	-0.049	14.432	-0.066	14.472	-0.032	14.492	0.007	25.250	-0.009	25.346	-0.011	25.377	-0.001	25.442	0.014
14.495	0.049	14.515	0.066	14.555	0.042	14.575	0.010	25.504	-0.003	25.561	0.009	25.639	-0.010	25.700	0.010
14.586	-0.046	14.665	-0.051	14.673	-0.012	14.677	0.022	25.816	0.027	25.855	0.027	25.936	0.025	25.988	0.028
14.693	0.035	14.746	0.035	14.749	-0.012	14.753	-0.034	26.052	-0.006	26.104	-0.009	26.164	0.006	26.177	-0.021
14.757	-0.070	14.765	-0.080	14.806	-0.068	14.856	-0.048	26.244	-0.021	26.295	-0.011	26.345	-0.001	26.383	-0.001
14.886	-0.036	14.905	-0.023	14.943	-0.043	14.969	-0.045	26.454	0.006	26.505	0.009	26.542	0.006	26.601	-0.016
14.973	-0.016	14.981	0.024	14.984	0.063	15.015	0.060	26.626	-0.006	26.694	-0.018	26.711	-0.025	26.801	-0.020
15.034	0.004	15.049	-0.015	15.083	-0.003	15.090	0.019	26.839	-0.015	26.886	-0.006	26.950	-0.006	26.993	0.002
15.117	0.024	15.155	0.032	15.174	0.047	15.218	0.071	27.040	0.024	27.083	0.024	27.164	0.034	27.190	0.051
15.232	0.045	15.261	0.001	15.286	0.008	15.319	-0.009	27.265	0.058	27.336	0.044	27.385	-0.000	27.438	0.007
15.323	-0.019	15.341	-0.048	15.395	-0.065	15.428	-0.052	27.522	-0.010	27.580	-0.017	27.669	0.001	27.744	0.008
15.435	-0.025	15.457	-0.020	15.468	-0.057	15.536	-0.064	27.824	0.016	27.851	0.035	27.855	0.018	27.922	0.006
15.580	-0.061	15.627	-0.031	15.638	-0.012	15.678	0.025	27.979	-0.003	28.063	-0.006	28.161	-0.013	28.191	-0.032
15.730	0.028	15.750	-0.011	15.795	-0.006	15.823	0.051	28.270	-0.027	28.333	-0.014	28.399	0.008	28.469	0.003
15.860	0.088	15.902	0.044	15.916	-0.003	15.960	0.054	28.523	0.023	28.569	0.026	28.652	0.014	28.665	0.024
15.998	0.017	16.036	-0.063	16.070	-0.119	16.112	-0.070	28.739	0.027	28.836	0.020	28.909	0.011	28.900	0.006
16.139	-0.011	16.177	0.018	16.225	-0.046	16.263	-0.024	29.114	-0.003	29.257	-0.010	29.407	-0.017	29.532	-0.012
16.297	-0.006	16.369	-0.018	16.386	0.001	16.437	0.023	29.664	-0.006	29.759	-0.001	29.874	0.002	29.912	0.007
16.472	0.048	16.503	0.011	16.537	-0.028	16.571	0.033	29.968	-0.005	30.079	-0.010	30.155	-0.000	30.252	0.015
16.581	0.077	16.633	0.065	16.660	0.014	16.699	-0.057	30.304	0.007	30.431	0.017	30.507	-0.000	30.545	-0.015
16.737	-0.074	16.782	-0.082	16.820	-0.035	16.872	-0.057	30.594	-0.020	30.683	-0.020	30.832	-0.011	30.902	-0.011
16.929	-0.079	16.933	-0.088	16.978	-0.039	17.012	0.047	30.928	0.011	31.010	0.023	31.117	0.015	31.166	0.022
17.034	-0.024	17.095	0.027	17.110	0.084	17.132	0.113	31.248	0.008	31.291	0.017	31.378	-0.003	31.442	0.014
17.199	0.067	17.305	0.067	17.341	0.013	17.361	-0.068	31.509	-0.005	31.600	0.024	31.716	0.002	31.808	0.017
17.445	-0.043	17.497	-0.084	17.521	-0.013	17.616	0.009	31.861	-0.020	31.978	-0.000	32.099	-0.018	32.184	0.005
17.620	-0.038	17.696	0.002	17.719	0.031	17.746	-0.013	32.278	-0.005	32.327	0.042	32.433	0.015	32.556	0.020
17.785	0.032	17.858	0.059	17.893	-0.004	17.959	0.016	32.694	0.005	32.759	0.020	32.820	-0.002	32.933	0.006
18.017	-0.008	18.056	0.036	18.141	0.051	18.172	-0.044	32.993	-0.007	33.062	0.023	33.110	0.023	33.175	0.008
18.214	0.025	18.307	-0.022	18.346	0.020	18.423	-0.021	33.277	0.013	33.332	0.009	33.415	0.011	33.501	0.004
18.469	0.048	18.563	-0.050	18.617	0.014	18.703	-0.042	33.536	0.014	33.618	-0.011	33.677	-0.021	33.751	-0.013
18.766	-0.071	18.845	0.040	18.923	-0.017	18.959	0.035	33.845	-0.021	33.876	0.002	33.965	0.002	34.051	0.006
19.045	-0.024	19.089	0.052	19.136	0.025	19.214	0.044	34.109	0.014	34.140	0.021	34.215	0.009	34.250	0.021
19.233	-0.027	19.363	-0.017	19.370	0.012	19.456	-0.054	34.345	0.011	34.416	0.003	34.582	0.001	34.649	-0.004
19.538	-0.022	19.596	0.022	19.643	-0.022	19.742	-0.030	34.692	-0.007	34.749	-0.002	34.809	0.003	34.878	0.012
19.822	0.015	19.877	0.059	19.881	-0.007	19.949	0.030	34.934	0.010	35.067	0.015	35.128	0.012	35.230	0.002
20.009	0.013	20.061	-0.013	20.101	-0.040	20.160	-0.013	35.330	-0.000	35.380	-0.000	35.447	0.004	35.526	0.007
20.200	0.021	20.274	-0.003	20.335	-0.003	20.375	0.005	35.597	0.004	35.727	0.011	35.812	-0.003	35.893	0.002
20.444	0.013	20.473	-0.039	20.493	0.006	20.599	-0.011	35.961	-0.001	36.021	-0.006	36.128	0.002	36.175	-0.003
20.660	-0.040	20.730	0.010	20.796	0.010	20.871	-0.004	36.270	0.014	36.305	0.017	36.379	0.017	36.423	0.036
20.887	0.010	20.991	0.006	21.073	0.016	21.098	-0.008	36.471	0.012	36.562	0.027	36.623	0.012	36.662	0.024
21.177	0.031	21.181	-0.001	21.259	-0.028	21.333	-0.020	36.744	0.014	36.817	0.005	36.955	-0.003	37.040	-0.022

37.088	-0.027	37.174	-0.007	37.241	-0.007	37.325	-0.009	62.055	-0.012	62.154	-0.008	62.282	-0.008	62.378	-0.007
37.329	0.003	37.397	0.018	37.481	0.010	37.561	0.015	62.781	0.008	62.912	-0.003	63.095	-0.013	63.266	-0.000
37.599	0.020	37.637	0.008	37.740	0.006	37.787	0.016	63.435	0.005	63.507	0.006	63.519	0.008	63.535	0.006
37.803	0.018	37.826	-0.004	37.909	0.006	37.970	0.003	63.599	0.006	63.679	0.003	63.747	0.001	63.856	0.001
38.036	0.003	38.104	0.003	38.134	0.006	38.217	0.015	63.960	0.004	64.013	0.009	64.105	0.014	64.157	0.014
38.256	0.015	38.366	0.013	38.444	0.003	38.501	0.018	64.217	0.011	64.300	0.016	64.380	0.009	64.471	0.009
38.584	0.000	38.667	0.022	38.701	-0.002	38.772	0.010	64.519	0.009	64.550	0.004	64.665	0.004	64.728	0.004
38.831	-0.003	38.915	0.007	38.995	-0.003	39.100	0.007	64.807	0.004	64.913	0.004	64.995	0.004	65.073	0.004
39.224	-0.011	39.271	0.013	39.335	0.001	39.391	0.018	65.152	0.004	65.167	-0.006	65.282	0.002	65.356	-0.001
39.438	0.008	39.514	0.007	39.629	0.013	39.684	0.020	*65.482	-0.001	65.687	-0.001	65.801	-0.006	65.943	-0.006
39.719	0.012	39.735	0.007	39.813	0.007	39.927	0.005	66.077	-0.006	66.239	-0.006	66.399	-0.006	66.523	-0.005
40.021	-0.005	40.130	0.009	40.202	0.007	40.291	0.006	66.696	-0.005	66.969	-0.006	67.089	-0.006	67.168	-0.006
40.384	0.011	40.486	0.021	40.601	0.013	40.681	0.013	67.257	-0.004	67.398	0.004	67.501	-0.001	67.623	-0.005
41.090	-0.004	41.179	-0.002	41.309	-0.005	41.385	-0.005	67.791	-0.005	68.043	-0.006	68.259	-0.007	68.409	-0.007
41.448	-0.002	41.532	0.000	41.620	0.000	41.741	0.010	68.546	-0.006	68.642	-0.004	68.767	-0.001	68.890	-0.001
41.792	0.005	41.885	-0.003	41.943	0.010	41.982	0.005	69.013	-0.003	69.223	-0.003	69.355	-0.001	69.495	-0.001
42.099	0.007	42.244	0.009	42.286	0.014	42.353	0.001	69.593	-0.001	69.814	-0.002	69.981	0.002	70.183	-0.004
42.425	0.003	42.560	-0.002	42.721	-0.003	42.806	-0.006	70.295	0.005	70.550	0.007	70.722	0.009	70.792	0.007
42.873	0.001	42.954	-0.002	42.984	0.013	43.017	0.013	70.952	0.004	71.049	0.002	71.179	-0.005	71.416	-0.001
43.146	0.012	43.454	0.014	43.517	0.012	43.552	0.016	71.564	0.001	71.688	0.000	71.847	-0.003	72.186	-0.002
43.413	0.007	43.721	0.011	43.774	0.001	43.894	-0.004	72.370	-0.000	72.574	0.001	72.837	0.002	72.988	0.002
43.632	0.009	43.721	0.011	43.774	0.001	43.894	-0.004	73.092	0.003	73.387	0.004	73.638	0.001	73.847	-0.001
43.948	-0.009	44.015	0.003	44.111	0.011	44.151	0.003	74.053	-0.001	74.176	-0.001	74.526	0.002	74.704	0.009
44.246	0.005	44.311	-0.004	44.393	0.005	44.461	0.008	74.918	0.011	75.045	0.011	75.229	0.009	75.610	0.009
44.601	0.010	44.680	0.012	44.784	0.014	44.905	0.012	75.825	0.009	76.076	0.009	76.319	0.009	76.696	0.009
44.970	-0.000	45.034	-0.003	45.171	-0.001	45.237	0.007	76.767	0.004	77.130	0.001	77.442	-0.004	77.753	-0.005
45.384	0.004	45.450	0.011	45.564	-0.001	45.668	-0.001	77.980	-0.004	78.356	-0.001	78.577	-0.002	78.822	-0.001
45.795	-0.006	45.950	-0.002	46.146	-0.002	46.195	0.003	79.069	0.000	79.373	0.001	79.679	0.003	79.929	0.011
46.241	-0.005	46.361	-0.005	46.442	-0.008	46.632	0.006	80.246	0.011	80.560	0.011	80.965	0.006	81.365	0.007
46.772	0.008	46.850	0.011	46.970	0.013	47.037	0.013	81.740	0.007	81.932	0.007	82.038	0.005	82.234	0.010
47.120	0.005	47.179	0.007	47.270	-0.000	47.346	-0.000	82.443	0.008	82.567	0.008	82.808	0.007	83.008	0.017
47.390	-0.005	47.462	0.004	47.632	-0.001	47.772	-0.001	83.351	0.013	83.596	0.010	83.866	0.008	84.043	0.007
47.895	0.006	48.147	0.003	48.325	0.008	48.424	0.007	84.122	0.006	84.347	0.003	84.597	-0.001	84.688	0.004
48.500	0.005	48.633	0.005	48.783	0.004	48.902	-0.001								
49.003	-0.003	49.173	-0.002	49.347	0.000	49.435	-0.005								
49.486	0.002	49.606	-0.010	49.763	-0.004	49.949	-0.004								
50.134	-0.002	50.293	0.005	50.363	0.007	50.555	0.007								
50.600	0.007	50.705	0.007	50.869	0.006	50.948	0.009								
51.132	0.008	51.214	0.008	51.369	0.003	51.439	0.003								
51.500	-0.003	51.547	0.012	51.702	0.011	51.801	0.010								
51.924	0.001	52.051	0.000	52.143	0.002	52.250	0.003								
52.396	0.002	52.424	0.007	52.507	0.019	52.551	-0.001								
52.673	-0.004	52.806	-0.015	52.970	-0.016	53.137	-0.010								
53.282	-0.008	53.405	-0.009	53.585	-0.004	53.718	-0.005								
53.868	-0.003	53.991	0.004	54.167	0.014	54.344	0.006								
54.495	-0.005	54.606	-0.003	54.819	-0.003	55.040	-0.004								
55.318	-0.008	55.446	-0.006	55.676	0.003	55.932	0.002								
56.142	-0.001	56.313	0.000	56.568	-0.001	56.740	-0.001								
56.867	-0.004	56.984	-0.005	57.193	-0.008	57.430	-0.013								
57.606	-0.009	57.710	-0.009	57.870	-0.015	58.118	0.002								
58.283	0.001	58.471	0.001	58.696	-0.003	58.906	-0.003								
59.055	-0.006	59.132	-0.009	59.358	-0.002	59.610	-0.001								
59.799	0.001	60.010	0.003	60.174	0.007	60.301	0.009								
60.522	0.008	60.667	0.010	60.928	0.002	61.142	0.001								
61.330	-0.003	61.511	-0.004	61.670	-0.017	61.896	-0.011								

68.103 4/8/68 PST ORANGE COUNTY ENG BLDG, SANTA ANA S04E

3530 POINTS 82.271 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCLN.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0296 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.0001	0.015	-0.003	0.053	-0.012	0.076	-0.018	5.311	-0.001	5.336	0.004	5.357	-0.007	5.383	-0.016	5.383	-0.016
0.099	-0.018	0.121	-0.003	0.146	0.003	0.159	-0.000	5.404	-0.025	5.429	-0.022	5.459	-0.001	5.471	-0.004	5.471	-0.004
0.184	0.006	0.203	0.003	0.233	0.015	0.268	0.003	5.505	-0.022	5.550	-0.031	5.590	-0.022	5.634	-0.019	5.634	-0.019
0.302	-0.009	0.319	-0.015	0.345	-0.024	0.352	-0.024	5.662	-0.004	5.683	-0.016	5.706	-0.025	5.762	-0.013	5.762	-0.013
0.387	-0.030	0.410	-0.021	0.446	-0.015	0.486	-0.018	5.759	-0.007	5.789	0.007	5.818	0.002	5.829	-0.007	5.829	-0.007
0.514	-0.027	0.548	-0.021	0.584	-0.012	0.634	-0.009	5.860	-0.016	5.905	0.004	5.949	0.004	5.979	-0.013	5.979	-0.013
0.668	-0.006	0.708	-0.007	0.742	-0.004	0.770	-0.001	6.002	-0.019	6.047	-0.004	6.087	0.010	6.123	0.010	6.123	0.010
0.793	-0.010	0.829	-0.010	0.858	0.002	0.892	-0.007	6.165	0.013	6.205	0.010	6.239	-0.001	6.279	-0.013	6.279	-0.013
0.918	-0.016	0.930	-0.024	0.968	-0.010	1.000	-0.016	6.307	-0.019	6.349	-0.022	6.393	-0.013	6.455	-0.004	6.455	-0.004
1.027	-0.027	1.034	-0.024	1.066	-0.007	1.099	-0.002	6.486	-0.016	6.535	-0.019	6.573	-0.028	6.605	-0.037	6.605	-0.037
1.131	-0.007	1.161	-0.022	1.197	-0.007	1.243	-0.004	6.643	-0.031	6.704	-0.016	6.748	-0.028	6.812	-0.013	6.812	-0.013
1.258	-0.004	1.290	0.002	1.332	0.011	1.345	0.011	6.844	0.002	6.882	0.004	6.924	0.004	6.956	-0.010	6.956	-0.010
1.366	0.005	1.395	-0.004	1.427	-0.010	1.438	-0.013	7.000	-0.004	7.040	-0.016	7.070	-0.025	7.101	-0.019	7.101	-0.019
1.467	-0.025	1.495	-0.016	1.522	-0.001	1.562	-0.016	7.150	-0.004	7.165	-0.001	7.222	-0.001	7.252	-0.004	7.252	-0.004
1.571	-0.028	1.598	-0.028	1.622	-0.019	1.662	-0.007	7.281	-0.013	7.321	-0.028	7.345	-0.028	7.364	-0.031	7.364	-0.031
1.712	-0.004	1.741	-0.007	1.757	-0.024	1.793	-0.013	7.381	-0.037	7.404	-0.040	7.414	-0.043	7.457	-0.031	7.457	-0.031
1.827	0.002	1.860	0.008	1.890	0.008	1.924	-0.015	7.482	-0.028	7.484	-0.028	7.497	-0.025	7.533	-0.019	7.533	-0.019
1.932	-0.018	1.966	0.003	2.000	0.009	2.025	-0.012	7.567	0.013	7.592	0.002	7.628	-0.004	7.647	0.007	7.647	0.007
2.044	-0.015	2.072	-0.018	2.089	-0.021	2.137	-0.009	7.664	0.004	7.691	-0.007	7.729	-0.007	7.782	-0.004	7.782	-0.004
2.173	-0.020	2.195	-0.044	2.222	-0.059	2.247	-0.038	7.820	-0.022	7.848	-0.031	7.888	-0.025	7.922	-0.028	7.922	-0.028
2.288	-0.008	2.307	0.003	2.347	0.006	2.376	-0.002	7.949	-0.028	8.078	-0.046	8.101	-0.037	8.129	-0.025	8.129	-0.025
2.408	0.007	2.429	0.012	2.467	-0.005	2.478	-0.011	8.040	-0.054	8.078	-0.046	8.101	-0.037	8.129	-0.025	8.129	-0.025
2.510	-0.023	2.552	-0.008	2.598	-0.011	2.662	-0.019	8.159	-0.013	8.184	-0.004	8.224	0.007	8.234	0.004	8.234	0.004
2.689	-0.016	2.721	-0.010	2.753	-0.004	2.762	-0.019	8.281	0.002	8.362	0.002	8.389	-0.001	8.389	-0.001	8.389	-0.001
2.801	-0.004	2.812	-0.004	2.841	-0.004	2.871	-0.013	8.414	-0.007	8.436	-0.016	8.446	-0.025	8.482	-0.043	8.482	-0.043
2.924	-0.016	2.973	-0.002	2.985	-0.002	3.011	-0.005	8.537	-0.022	8.554	-0.022	8.588	-0.028	8.613	-0.025	8.613	-0.025
3.040	-0.011	3.082	0.010	3.118	0.004	3.152	-0.008	8.638	-0.022	8.681	-0.016	8.708	-0.016	8.757	-0.036	8.757	-0.036
3.184	-0.017	3.209	-0.023	3.262	-0.023	3.294	-0.006	8.778	-0.042	8.786	-0.045	8.825	-0.036	8.869	-0.024	8.869	-0.024
3.345	0.003	3.385	0.003	3.425	-0.003	3.482	-0.015	8.905	-0.018	8.945	-0.003	8.985	0.003	9.004	0.003	9.004	0.003
3.533	-0.015	3.596	-0.018	3.634	-0.010	3.685	-0.025	9.027	0.006	9.068	-0.000	9.099	-0.015	9.137	-0.026	9.137	-0.026
3.738	-0.022	3.782	-0.016	3.805	-0.025	3.848	-0.014	9.182	-0.006	9.216	0.000	9.258	-0.011	9.302	-0.020	9.302	-0.020
3.879	-0.002	3.920	-0.005	3.941	-0.008	3.989	-0.014	9.328	-0.020	9.359	-0.028	9.412	-0.010	9.429	-0.007	9.429	-0.007
4.013	0.000	4.068	0.006	4.110	-0.009	4.156	-0.003	9.459	0.007	9.501	0.014	9.548	-0.001	9.569	-0.004	9.569	-0.004
4.199	-0.018	4.233	-0.013	4.262	-0.001	4.283	0.002	9.586	-0.007	9.607	-0.007	9.645	-0.012	9.672	-0.018	9.672	-0.018
4.312	0.008	4.370	-0.001	4.425	-0.002	4.463	0.010	9.719	-0.012	9.755	-0.006	9.791	-0.012	9.841	-0.014	9.841	-0.014
4.512	0.019	4.558	0.015	4.588	0.009	4.609	0.006	9.875	0.000	9.909	-0.003	9.941	0.000	9.966	-0.005	9.966	-0.005
4.668	0.012	4.710	-0.003	4.742	0.009	4.797	-0.000	9.994	-0.008	10.040	-0.002	10.063	-0.004	10.087	-0.017	10.087	-0.017
4.835	-0.009	4.871	-0.000	4.901	0.011	4.947	-0.006	10.101	-0.008	10.140	0.001	10.180	0.004	10.216	0.001	10.216	0.001
4.985	-0.012	5.019	-0.018	5.066	-0.007	5.121	-0.013	10.230	-0.002	10.254	-0.008	10.290	-0.016	10.343	-0.022	10.343	-0.022
5.150	-0.019	5.188	-0.013	5.241	-0.031	5.277	-0.013	10.376	-0.022	10.414	-0.013	10.450	-0.019	10.493	-0.025	10.493	-0.025

10.529	-0.013	10.579	-0.013	10.617	-0.007	10.670	-0.016	16.554	-0.007	16.573	-0.013	16.598	-0.027	16.630	-0.021
10.719	0.007	10.755	0.002	10.799	0.010	10.833	0.016	16.662	-0.018	16.693	-0.027	16.746	-0.030	16.784	-0.018
10.873	0.013	10.890	0.007	10.913	0.004	10.951	0.013	16.829	-0.021	16.879	-0.015	16.928	-0.003	16.973	-0.003
10.989	-0.025	11.023	-0.010	11.070	-0.019	11.127	-0.022	17.029	-0.018	17.068	-0.027	17.093	-0.030	17.118	-0.018
11.163	-0.013	11.203	0.001	11.235	0.004	11.271	0.002	17.148	-0.009	17.173	-0.006	17.209	-0.006	17.243	-0.018
11.294	-0.001	11.338	0.004	11.353	0.004	11.378	0.007	17.264	-0.024	17.275	-0.018	17.300	-0.018	17.326	-0.021
11.408	0.010	11.436	0.016	11.457	0.022	11.484	0.031	17.345	-0.029	17.372	-0.029	17.412	-0.009	17.429	-0.009
11.526	0.025	11.552	0.016	11.577	0.004	11.600	0.004	17.526	0.009	17.550	0.015	17.577	0.023	17.596	0.012
11.615	-0.001	11.636	-0.013	11.683	0.007	11.725	0.004	17.619	0.035	17.647	0.032	17.681	0.032	17.708	0.023
11.772	0.004	11.801	-0.007	11.814	-0.016	11.858	-0.019	17.751	0.017	17.789	-0.015	17.818	0.002	17.858	0.002
12.003	0.004	12.008	0.028	12.038	0.028	12.074	0.016	17.882	-0.006	17.899	-0.015	17.928	-0.036	17.956	-0.027
12.091	0.019	12.099	0.010	12.114	0.004	12.137	-0.007	17.987	-0.018	18.013	-0.012	18.044	-0.016	18.085	-0.010
12.161	-0.013	12.186	-0.019	12.199	-0.022	12.218	-0.031	18.106	-0.004	18.133	-0.005	18.146	-0.002	18.175	-0.007
12.237	-0.037	12.258	-0.037	12.277	-0.043	12.292	-0.040	18.184	-0.019	18.205	-0.031	18.222	-0.034	18.262	-0.031
12.321	-0.037	12.347	-0.025	12.368	-0.019	12.385	-0.028	18.288	-0.028	18.313	-0.011	18.330	0.004	18.355	0.025
12.406	-0.028	12.429	-0.031	12.452	-0.025	12.471	-0.025	18.376	0.033	18.402	0.051	18.427	0.063	18.465	0.054
12.499	-0.001	12.522	-0.007	12.552	0.004	12.588	-0.001	18.480	0.045	18.524	0.021	18.571	0.003	18.603	-0.006
12.615	0.007	12.634	0.016	12.666	0.025	12.691	0.010	18.609	-0.009	18.628	-0.023	18.660	-0.035	18.687	-0.033
12.702	0.004	12.710	0.004	12.725	-0.013	12.746	-0.025	18.715	-0.030	18.751	-0.053	18.770	-0.065	18.772	-0.068
12.755	-0.031	12.774	-0.034	12.799	-0.025	12.820	-0.028	18.782	-0.083	18.805	-0.110	18.850	-0.110	18.884	-0.081
12.825	-0.031	12.844	-0.037	12.882	-0.037	12.901	-0.037	18.915	-0.039	18.939	-0.010	18.956	0.013	18.973	0.043
12.927	-0.013	12.968	-0.007	12.989	-0.013	13.019	-0.010	18.983	0.054	19.000	0.072	19.015	0.084	19.036	0.087
13.051	-0.011	13.068	-0.002	13.095	0.013	13.154	0.016	19.057	0.095	19.070	0.110	19.076	0.110	19.087	0.113
13.173	0.007	13.197	0.010	13.222	0.004	13.252	-0.005	19.093	0.113	19.101	0.107	19.120	0.098	19.135	0.095
13.275	0.001	13.311	-0.002	13.334	-0.002	13.357	-0.003	19.146	0.089	19.152	0.086	19.159	0.083	19.163	0.077
13.387	0.003	13.425	-0.003	13.450	-0.017	13.457	-0.017	19.175	0.074	19.180	0.062	19.192	0.059	19.201	0.048
13.490	-0.017	13.541	-0.018	13.579	-0.021	13.605	-0.027	19.209	0.036	19.228	0.036	19.254	0.006	19.273	-0.003
13.653	-0.024	13.647	-0.027	13.685	-0.030	13.696	-0.033	19.313	0.003	19.328	-0.000	19.345	-0.009	19.357	-0.024
13.712	-0.039	13.729	-0.039	13.767	-0.036	13.797	-0.022	19.372	-0.030	19.402	-0.024	19.421	-0.018	19.450	-0.012
13.818	-0.019	13.839	-0.010	13.869	-0.001	13.890	0.004	19.476	-0.030	19.503	-0.027	19.526	-0.033	19.552	-0.039
13.901	0.013	13.922	0.022	13.949	0.022	13.981	0.022	19.583	-0.030	19.603	-0.027	19.628	-0.024	19.660	-0.036
13.994	0.019	14.006	0.016	14.027	0.019	14.059	0.018	19.689	-0.045	19.725	-0.045	19.753	-0.039	19.767	-0.042
14.080	0.018	14.116	0.009	14.129	0.006	14.163	0.009	19.786	-0.045	19.808	-0.054	19.814	-0.057	19.837	-0.066
14.171	0.006	14.209	0.003	14.220	-0.003	14.245	-0.003	19.873	-0.060	19.896	-0.048	19.918	-0.034	19.932	-0.022
14.271	-0.006	14.298	-0.018	14.315	-0.021	14.340	-0.021	19.962	-0.013	19.989	-0.022	20.006	-0.031	20.038	-0.031
14.368	-0.021	14.393	-0.006	14.410	-0.000	14.431	-0.000	20.059	-0.028	20.076	-0.010	20.091	-0.019	20.110	-0.007
14.448	0.005	14.474	-0.009	14.505	-0.015	14.535	-0.004	20.137	-0.013	20.167	-0.010	20.190	-0.001	20.220	-0.010
14.538	0.008	14.581	0.017	14.613	0.005	14.643	-0.001	20.245	-0.019	20.279	-0.025	20.307	-0.019	20.334	-0.007
14.681	0.011	14.706	0.014	14.725	0.008	14.748	0.005	20.355	-0.001	20.385	0.010	20.404	0.016	20.431	0.022
14.770	0.002	14.786	-0.007	14.805	-0.007	14.831	-0.007	20.452	0.022	20.495	0.016	20.529	0.019	20.562	0.025
14.860	0.004	14.890	0.002	14.909	-0.001	14.934	-0.004	20.592	0.028	20.615	0.022	20.647	0.013	20.674	0.034
14.966	-0.007	14.989	-0.013	15.011	-0.019	15.059	-0.025	20.712	0.043	20.744	0.019	20.753	0.013	20.776	0.002
15.085	-0.031	15.099	-0.034	15.118	-0.037	15.171	-0.022	20.808	-0.013	20.835	-0.028	20.841	-0.031	20.869	-0.034
15.195	-0.016	15.226	-0.022	15.249	-0.013	15.260	-0.007	20.901	-0.022	20.928	-0.025	20.934	-0.031	20.960	-0.043
15.304	0.004	15.332	-0.001	15.357	-0.010	15.408	-0.001	20.973	-0.043	21.002	-0.040	21.027	-0.022	21.030	-0.025
15.423	0.007	15.463	0.004	15.495	-0.001	15.507	-0.007	21.049	-0.007	21.074	-0.010	21.108	-0.019	21.137	-0.019
15.539	-0.013	15.552	-0.013	15.575	-0.019	15.600	-0.025	21.150	-0.019	21.175	-0.022	21.197	-0.022	21.218	-0.028
15.622	-0.016	15.655	-0.010	15.679	-0.001	15.700	-0.007	21.247	-0.016	21.281	-0.019	21.304	-0.016	21.342	-0.010
15.719	-0.010	15.742	-0.019	15.772	-0.016	15.795	-0.013	21.364	-0.013	21.400	-0.004	21.419	0.002	21.444	0.020
15.827	-0.010	15.850	-0.013	15.871	-0.013	15.899	-0.016	21.586	-0.003	21.503	0.046	21.531	0.044	21.562	0.023
15.934	-0.007	15.956	-0.007	15.981	-0.004	16.021	0.016	21.615	-0.024	21.615	-0.024	21.632	-0.042	21.660	-0.042
16.038	0.016	16.070	0.002	16.110	0.004	16.148	-0.001	21.674	-0.071	21.702	-0.083	21.742	-0.059	21.778	-0.047
16.161	-0.007	16.194	-0.010	16.224	-0.001	16.254	0.005	21.810	-0.035	21.831	-0.029	21.865	-0.014	21.869	0.003
16.302	0.011	16.342	0.014	16.351	0.011	16.395	0.017	21.890	0.015	21.934	0.024	21.951	0.027	21.979	0.024
16.433	0.017	16.480	0.011	16.510	0.011	16.541	-0.001	22.019	0.013	22.059	0.004	22.093	0.016	22.129	0.016

22.152	0.005	22.194	0.002	22.239	0.020	22.277	0.026	27.051	0.093	27.070	0.093	27.085	0.084	27.108	0.066
22.314	0.024	22.321	0.002	22.349	-0.018	22.374	-0.027	27.114	0.060	27.129	0.042	27.142	0.037	27.175	0.045
22.391	-0.024	22.444	0.015	22.476	0.015	22.529	0.024	27.192	0.051	27.209	0.037	27.226	0.022	27.243	0.010
22.543	0.021	22.573	0.006	22.594	-0.006	22.630	-0.011	27.247	0.004	27.264	-0.002	27.279	-0.014	27.294	-0.005
22.655	-0.020	22.679	-0.026	22.715	-0.023	22.746	-0.035	27.321	0.004	27.349	0.004	27.359	-0.002	27.374	-0.011
22.782	-0.037	22.827	-0.011	22.875	-0.002	22.907	0.004	27.376	-0.011	27.383	0.020	27.391	-0.023	27.410	-0.028
22.926	0.022	22.966	0.025	22.998	0.007	23.023	0.013	27.438	-0.014	27.455	-0.020	27.465	-0.023	27.482	-0.017
23.061	0.034	23.114	0.034	23.142	0.031	23.171	0.019	27.514	-0.029	27.548	-0.017	27.581	-0.014	27.600	-0.023
23.328	0.034	23.347	0.025	23.381	0.010	23.397	0.002	27.617	-0.035	27.634	-0.038	27.653	-0.046	27.674	-0.055
23.414	-0.007	23.442	-0.007	23.465	-0.001	23.490	0.016	27.702	-0.038	27.715	-0.026	27.725	-0.023	27.742	-0.014
23.516	0.049	23.552	0.057	23.596	0.055	23.643	0.049	27.761	0.001	27.774	0.015	27.793	0.027	27.814	0.024
23.674	0.028	23.696	0.007	23.721	-0.025	23.736	-0.034	27.837	0.012	27.848	0.006	27.869	0.000	27.886	-0.003
23.778	-0.022	23.805	-0.072	23.844	-0.037	23.846	-0.034	27.896	-0.008	27.907	-0.017	27.915	-0.023	27.930	-0.026
23.863	-0.022	23.886	-0.004	23.899	0.007	23.918	0.019	27.945	-0.029	27.949	-0.032	27.964	-0.035	27.985	-0.038
23.939	0.007	23.966	-0.016	23.981	-0.025	24.015	-0.040	28.004	-0.038	28.025	-0.041	28.038	-0.044	28.051	-0.038
24.055	-0.028	24.072	-0.028	24.106	-0.049	24.133	-0.051	28.059	-0.038	28.066	-0.035	28.074	-0.029	28.091	-0.018
24.159	-0.043	24.171	-0.031	24.188	-0.007	24.226	-0.004	28.101	-0.012	28.112	-0.009	28.120	-0.006	28.137	0.006
24.241	0.007	24.279	0.034	24.292	0.055	24.313	0.075	28.142	0.015	28.156	0.027	28.167	0.030	28.173	0.035
24.328	0.081	24.342	0.093	24.355	0.105	24.368	0.110	28.180	0.038	28.184	0.038	28.192	0.041	28.207	0.044
24.378	0.116	24.385	0.122	24.402	0.131	24.423	0.125	28.218	0.047	28.228	0.041	28.241	0.038	28.249	0.030
24.436	0.110	24.446	0.099	24.448	0.099	24.463	0.084	28.260	0.032	28.268	0.024	28.288	0.024	28.319	0.035
24.480	0.066	24.497	0.037	24.503	0.022	24.518	0.010	28.330	0.041	28.342	0.044	28.345	0.044	28.351	0.050
24.531	-0.011	24.569	-0.020	24.588	-0.011	24.613	-0.020	28.362	0.056	28.376	0.059	28.385	0.056	28.393	0.044
24.638	-0.037	24.651	-0.049	24.668	-0.049	24.685	-0.061	28.404	0.047	28.416	0.044	28.431	0.041	28.452	0.038
24.700	-0.073	24.723	-0.085	24.742	-0.096	24.767	-0.085	28.461	0.035	28.488	0.035	28.499	0.032	28.516	0.024
24.797	-0.061	24.820	-0.067	24.848	-0.070	24.882	-0.076	28.524	0.021	28.539	0.027	28.554	0.035	28.573	0.038
24.903	-0.062	24.918	-0.056	24.937	-0.038	24.964	-0.035	28.588	0.047	28.600	0.059	28.617	0.065	28.634	0.074
24.992	-0.032	25.017	-0.026	25.036	-0.015	25.053	-0.003	28.719	0.047	28.727	0.038	28.757	0.053	28.700	0.050
25.078	0.023	25.091	0.032	25.116	0.044	25.144	0.038	28.778	-0.006	28.797	-0.018	28.810	-0.021	28.833	-0.009
25.146	0.035	25.156	0.032	25.194	0.017	25.218	0.020	28.844	-0.003	28.858	-0.003	28.863	0.006	28.877	0.006
25.230	0.020	25.243	0.011	25.260	-0.004	25.283	-0.019	28.894	-0.000	28.903	-0.006	28.926	-0.006	28.928	-0.003
25.309	-0.037	25.330	-0.034	25.355	-0.034	25.385	-0.034	28.956	-0.003	28.977	0.003	28.985	0.006	29.004	0.018
25.395	-0.031	25.419	-0.040	25.429	-0.046	25.444	-0.058	29.021	0.023	29.025	0.029	29.040	0.035	29.049	0.041
25.469	-0.058	25.476	-0.055	25.493	-0.058	25.501	-0.058	29.074	0.044	29.095	0.035	29.116	0.029	29.133	0.038
25.510	-0.061	25.520	-0.064	25.522	-0.061	25.524	-0.064	29.161	0.044	29.175	0.032	29.201	0.020	29.203	0.020
25.539	-0.070	25.560	-0.088	25.562	-0.091	25.573	-0.106	29.216	0.008	29.230	0.003	29.249	0.005	29.266	0.008
25.590	-0.117	25.607	-0.126	25.622	-0.132	25.643	-0.132	29.292	0.011	29.309	0.023	29.326	0.032	29.353	0.038
25.662	-0.121	25.693	-0.103	25.706	-0.100	25.723	-0.071	29.357	0.032	29.366	0.020	29.391	0.011	29.412	0.005
25.757	-0.056	25.761	-0.056	25.803	-0.056	25.831	-0.045	29.427	0.002	29.442	0.011	29.452	0.017	29.469	0.020
25.848	-0.033	25.860	-0.024	25.877	-0.015	25.890	-0.027	29.495	0.008	29.501	0.008	29.503	0.005	29.512	0.011
25.930	-0.024	25.953	-0.004	25.970	-0.011	25.998	-0.008	29.520	0.002	29.526	-0.004	29.535	-0.007	29.539	-0.004
26.025	-0.001	26.034	-0.010	26.055	-0.019	26.085	-0.036	29.562	-0.010	29.600	-0.013	29.626	-0.013	29.649	-0.010
26.089	-0.048	26.112	-0.072	26.125	-0.069	26.156	-0.045	29.666	-0.007	29.683	-0.001	29.702	-0.008	29.721	-0.004
26.178	-0.037	26.197	-0.037	26.216	-0.045	26.242	-0.057	29.736	-0.004	29.757	-0.007	29.770	-0.007	29.793	-0.013
26.262	-0.043	26.288	-0.028	26.304	-0.028	26.332	-0.054	29.812	-0.013	29.841	-0.025	29.871	-0.022	29.901	-0.025
26.364	-0.051	26.376	-0.049	26.406	-0.025	26.423	-0.022	29.922	-0.028	29.953	-0.037	29.985	-0.031	30.008	-0.040
26.463	-0.043	26.493	-0.040	26.512	-0.031	26.535	-0.028	30.032	-0.043	30.059	-0.051	30.078	-0.049	30.106	-0.031
26.552	-0.028	26.573	-0.022	26.586	-0.013	26.600	-0.001	30.127	-0.040	30.146	-0.037	30.167	-0.051	30.184	-0.063
26.611	0.002	26.624	0.004	26.643	0.004	26.651	0.010	30.203	-0.075	30.224	-0.072	30.243	-0.075	30.266	-0.072
26.666	0.019	26.679	0.031	26.704	0.034	26.721	0.028	30.283	-0.066	30.302	-0.051	30.342	-0.031	30.374	-0.013
26.729	0.028	26.738	0.031	26.753	0.034	26.770	0.028	30.393	-0.010	30.429	0.002	30.452	0.004	30.469	0.016
26.774	0.034	26.791	0.034	26.803	0.034	26.814	0.034	30.484	0.028	30.510	0.034	30.522	0.034	30.543	0.022
26.831	0.034	26.835	0.034	26.856	0.034	26.867	0.034	30.554	0.022	30.579	0.022	30.605	0.037	30.645	0.046
26.896	0.052	26.922	0.049	26.941	0.040	26.966	0.034	30.681	0.034	30.691	0.034	30.723	0.004	30.746	-0.013
26.996	0.046	27.013	0.049	27.025	0.057	27.040	0.078	30.780	-0.025	30.797	-0.031	30.822	-0.031	30.850	-0.037

30.873	-0.043	30.903	-0.043	30.926	-0.043	30.949	-0.040	36.032	-0.010	36.057	-0.010	36.074	-0.007	36.093	-0.007
30.979	-0.031	30.992	-0.037	31.011	-0.031	31.027	-0.043	36.104	0.004	36.131	0.013	36.144	0.010	36.161	0.008
31.053	-0.043	31.087	-0.031	31.112	-0.013	31.127	-0.002	36.182	0.002	36.194	-0.007	36.224	-0.010	36.247	-0.010
31.150	0.016	31.171	0.016	31.199	0.028	31.218	0.028	36.258	-0.001	36.285	0.005	36.298	0.014	36.321	0.014
31.241	0.031	31.275	0.028	31.292	0.016	31.309	0.007	36.340	0.017	36.355	0.017	36.376	0.017	36.397	0.014
31.334	0.002	31.355	0.002	31.370	0.002	31.393	0.004	36.412	0.005	36.440	-0.001	36.463	0.012	36.480	-0.024
31.419	0.046	31.444	0.022	31.474	0.022	31.488	0.025	36.503	-0.039	36.514	-0.044	36.543	-0.047	36.581	-0.056
31.503	0.046	31.524	0.055	31.543	0.034	31.573	0.022	36.600	-0.050	36.606	-0.053	36.628	-0.056	36.649	-0.058
31.592	0.004	31.617	-0.013	31.636	-0.019	31.660	-0.028	36.755	-0.046	36.778	-0.040	36.803	-0.031	36.822	-0.028
31.685	-0.031	31.708	-0.031	31.736	-0.034	31.765	-0.037	36.848	-0.022	36.873	-0.007	36.890	-0.010	36.922	-0.010
31.782	-0.037	31.801	-0.019	31.820	-0.013	31.846	-0.034	36.937	-0.013	36.960	-0.016	36.975	-0.013	36.998	-0.013
31.869	-0.001	31.879	0.019	31.913	0.028	31.960	0.034	37.023	-0.018	37.038	-0.021	37.057	-0.027	37.072	-0.027
31.968	0.034	31.996	0.034	32.011	0.028	32.025	0.022	37.089	-0.027	37.110	-0.027	37.131	-0.024	37.159	-0.018
32.049	0.008	32.074	-0.001	32.101	-0.007	32.125	-0.016	37.173	-0.018	37.192	-0.018	37.207	-0.018	37.220	-0.012
32.146	-0.016	32.161	-0.007	32.192	-0.007	32.211	-0.016	37.241	-0.006	37.254	-0.003	37.288	0.003	37.302	0.017
32.239	-0.018	32.279	-0.024	32.290	-0.024	32.315	-0.030	37.334	0.020	37.368	0.023	37.395	0.026	37.416	0.026
32.340	-0.030	32.353	-0.018	32.378	-0.012	32.412	0.003	37.438	0.026	37.457	0.026	37.480	0.026	37.512	0.026
32.440	0.011	32.455	0.026	32.474	0.044	32.493	0.056	37.531	0.026	37.554	0.026	37.569	0.032	37.581	0.041
32.529	0.065	32.539	0.071	32.583	0.074	32.607	0.074	37.600	0.050	37.613	0.059	37.628	0.062	37.643	0.065
32.617	0.074	32.645	0.074	32.653	0.071	32.683	0.062	37.662	0.071	37.685	0.074	37.710	0.077	37.719	0.089
32.706	0.039	32.729	0.027	32.736	0.024	32.770	0.018	37.736	0.097	37.755	0.100	37.782	0.101	37.799	0.101
32.786	0.021	32.803	0.030	32.822	0.030	32.846	0.039	37.812	0.101	37.841	0.104	37.867	0.107	37.879	0.101
32.873	0.045	32.888	0.054	32.907	0.057	32.941	0.057	37.920	0.101	37.951	0.101	37.964	0.092	37.987	0.086
32.962	0.063	32.985	0.067	33.011	0.061	33.044	0.061	38.004	0.084	38.019	0.081	38.055	0.075	38.078	0.069
33.068	0.061	33.070	0.070	33.106	0.061	33.131	0.050	38.091	0.066	38.110	0.066	38.135	0.061	38.156	0.052
33.152	0.044	33.173	0.035	33.203	0.035	33.241	0.050	38.171	0.052	38.190	0.046	38.207	0.043	38.230	0.037
33.252	0.068	33.271	0.077	33.304	0.083	33.330	0.092	38.256	0.037	38.266	0.034	38.279	0.035	38.298	0.038
33.347	0.083	33.381	0.077	33.395	0.059	33.423	0.059	38.309	0.043	38.326	0.044	38.345	0.044	38.359	0.041
33.446	0.051	33.463	0.039	33.499	0.030	33.520	0.036	38.370	0.041	38.389	0.041	38.400	0.041	38.419	0.038
33.535	0.045	33.545	0.048	33.573	0.051	33.596	0.054	38.444	0.038	38.467	0.030	38.488	0.027	38.512	0.030
33.617	0.060	33.649	0.051	33.666	0.039	33.689	0.039	38.533	0.036	38.567	0.048	38.588	0.045	38.611	0.045
33.719	0.045	33.751	0.039	33.765	0.031	33.782	0.022	38.617	0.042	38.643	0.037	38.679	0.037	38.693	0.037
33.816	-0.010	33.841	-0.010	33.869	-0.016	33.894	-0.016	38.708	0.043	38.734	0.046	38.751	0.046	38.770	0.046
33.926	-0.019	33.941	-0.019	33.968	-0.019	33.985	-0.019	38.789	0.046	38.812	0.046	38.829	0.046	38.850	0.047
34.000	-0.019	34.023	-0.025	34.049	-0.028	34.068	-0.031	38.882	0.044	38.901	0.038	38.913	0.029	38.934	0.018
34.099	-0.034	34.116	-0.039	34.131	-0.033	34.163	-0.033	38.947	0.012	38.979	0.006	39.000	-0.009	39.030	-0.009
34.182	-0.036	34.207	-0.036	34.233	-0.033	34.252	-0.039	39.047	-0.006	39.066	-0.005	39.076	-0.005	39.104	-0.005
34.273	-0.048	34.285	-0.054	34.302	-0.063	34.330	-0.072	39.118	-0.005	39.140	0.004	39.171	0.004	39.188	0.016
34.351	-0.069	34.376	-0.063	34.419	-0.057	34.442	-0.048	39.203	0.016	39.222	0.016	39.256	0.007	39.273	0.001
34.457	-0.027	34.474	-0.027	34.484	-0.024	34.510	-0.024	39.385	-0.031	39.397	-0.025	39.431	-0.025	39.450	-0.016
34.535	-0.030	34.554	-0.030	34.571	-0.033	34.590	-0.036	39.478	-0.013	39.493	0.011	39.501	0.017	39.543	0.034
34.607	-0.039	34.628	-0.045	34.655	-0.054	34.664	-0.054	39.552	0.032	39.571	0.035	39.586	0.038	39.611	0.044
34.691	-0.057	34.710	-0.054	34.740	-0.048	34.753	-0.045	39.634	0.032	39.660	0.023	39.685	0.023	39.712	0.017
34.797	-0.036	34.827	-0.030	34.850	-0.036	34.860	-0.030	39.731	0.006	39.760	0.006	39.772	0.009	39.789	0.006
34.905	-0.024	34.928	-0.015	34.943	-0.010	34.968	-0.012	39.825	0.006	39.833	0.006	39.869	0.006	39.884	0.009
35.000	-0.021	35.036	-0.033	35.051	-0.039	35.078	-0.036	39.896	0.009	39.907	0.015	39.939	0.021	39.958	0.018
35.101	-0.042	35.129	-0.042	35.156	-0.042	35.186	-0.039	40.070	0.024	40.093	0.018	40.108	0.012	40.142	0.007
35.203	-0.036	35.239	-0.033	35.296	-0.036	35.323	-0.031	40.180	0.004	40.201	0.004	40.228	-0.002	40.256	-0.002
35.326	-0.007	35.338	-0.001	35.364	0.011	35.391	0.031	40.273	-0.005	40.304	-0.011	40.330	-0.010	40.359	-0.013
35.406	0.040	35.427	0.049	35.455	0.055	35.474	0.046	40.381	-0.013	40.393	-0.019	40.400	-0.025	40.433	-0.034
35.493	0.052	35.518	0.049	35.545	0.048	35.577	0.043	40.448	-0.045	40.465	-0.057	40.484	-0.063	40.503	-0.066
35.596	0.048	35.622	0.051	35.658	0.057	35.670	0.057	40.522	-0.066	40.537	-0.057	40.545	-0.048	40.554	-0.045
35.696	0.057	35.719	0.051	35.746	0.042	35.767	0.033	40.583	-0.045	40.605	-0.045	40.632	-0.045	40.653	-0.042
35.784	0.027	35.810	0.021	35.820	0.019	35.848	0.007								
35.860	0.004	35.873	-0.002	35.901	-0.008	35.926	-0.008								
35.943	-0.005	35.981	-0.013	35.983	-0.011	36.008	-0.010								

40.670	-0.036	40.698	-0.036	40.715	-0.036	40.729	-0.033	45.465	0.019	45.505	0.010	45.529	0.001	45.560	-0.005
40.736	-0.033	40.758	-0.032	40.778	-0.032	40.795	-0.032	45.590	-0.014	45.628	-0.013	45.662	-0.016	45.685	-0.019
40.820	-0.032	40.833	-0.029	40.852	-0.023	40.879	-0.020	45.734	-0.019	45.757	-0.019	45.784	-0.022	45.804	-0.025
40.896	-0.017	40.911	-0.008	40.926	-0.005	40.945	-0.002	45.822	-0.025	45.848	-0.025	45.874	-0.028	45.893	-0.031
40.975	0.004	40.981	0.004	40.998	0.004	41.023	0.004	45.905	-0.031	45.915	-0.031	45.932	-0.019	45.979	-0.019
41.036	0.004	41.063	0.004	41.076	0.004	41.114	0.002	45.994	-0.019	46.021	-0.025	46.044	-0.025	46.080	-0.023
41.125	-0.017	41.146	-0.017	41.165	-0.022	41.199	-0.031	46.118	-0.028	46.123	-0.030	46.148	-0.030	46.169	-0.033
41.209	-0.031	41.239	-0.037	41.252	-0.028	41.273	-0.034	46.220	-0.042	46.235	-0.045	46.260	-0.045	46.281	-0.039
41.281	-0.037	41.315	-0.025	41.336	-0.028	41.368	-0.028	46.311	-0.024	46.355	-0.012	46.364	-0.001	46.383	-0.001
41.404	-0.025	41.425	-0.025	41.444	-0.025	41.455	-0.022	46.402	0.008	46.423	0.011	46.461	0.017	46.480	0.017
41.474	-0.019	41.514	-0.007	41.529	-0.004	41.552	0.007	46.504	-0.007	46.524	-0.006	46.560	0.006	46.583	0.003
41.590	0.007	41.622	0.007	41.674	0.016	41.708	0.016	46.594	-0.000	46.613	-0.006	46.645	-0.012	46.698	-0.017
41.738	0.007	41.763	0.007	41.793	0.007	41.827	0.007	46.721	-0.023	46.731	-0.023	46.767	-0.023	46.780	-0.023
41.867	0.004	41.886	-0.007	41.909	-0.007	41.943	-0.028	46.816	-0.026	46.837	-0.023	46.854	-0.023	46.867	-0.029
41.960	-0.010	41.989	-0.010	42.008	-0.028	42.040	-0.028	46.905	-0.026	46.932	-0.029	46.966	-0.032	46.989	-0.034
42.068	-0.037	42.087	-0.040	42.110	-0.043	42.129	-0.043	47.025	-0.040	47.057	-0.043	47.076	-0.043	47.101	-0.043
42.140	-0.046	42.173	-0.051	42.197	-0.054	42.209	-0.060	47.116	-0.043	47.137	-0.046	47.167	-0.043	47.184	-0.046
42.216	-0.066	42.233	-0.066	42.249	-0.066	42.273	-0.054	47.209	-0.046	47.224	-0.046	47.239	-0.040	47.262	-0.040
42.298	-0.057	42.304	-0.054	42.334	-0.049	42.362	-0.043	47.300	-0.034	47.307	-0.028	47.323	-0.028	47.338	-0.016
42.385	-0.043	42.397	-0.043	42.406	-0.046	42.431	-0.037	47.366	-0.007	47.383	-0.004	47.406	-0.001	47.433	0.007
42.465	-0.031	42.469	-0.025	42.495	-0.019	42.526	-0.019	47.457	0.007	47.474	0.010	47.486	0.007	47.510	0.007
42.558	-0.013	42.577	-0.013	42.600	-0.016	42.626	-0.013	47.541	0.008	47.552	0.008	47.573	0.008	47.581	0.008
42.651	-0.004	42.672	0.010	42.704	0.016	42.738	0.019	47.594	0.008	47.609	0.008	47.630	0.008	47.647	0.008
42.763	0.022	42.780	0.022	42.801	0.019	42.812	0.019	47.677	0.011	47.696	0.011	47.717	0.011	47.734	0.008
42.833	0.019	42.852	0.022	42.879	0.022	42.892	0.022	47.746	0.008	47.784	0.002	47.803	0.002	47.820	0.002
42.907	0.022	42.937	0.022	42.966	0.022	42.989	0.022	47.863	-0.001	47.890	0.002	47.899	0.005	47.924	0.002
43.002	0.022	43.023	0.022	43.040	0.022	43.061	0.028	47.964	-0.001	47.977	-0.007	48.000	-0.013	48.017	-0.016
43.089	0.028	43.108	0.034	43.142	0.043	43.171	0.046	48.032	-0.010	48.051	-0.010	48.076	-0.010	48.110	-0.007
43.197	0.040	43.220	0.040	43.245	0.040	43.268	0.034	48.131	-0.004	48.159	-0.001	48.184	0.002	48.205	0.003
43.296	0.028	43.319	0.016	43.332	-0.001	43.362	-0.004	48.230	-0.000	48.252	-0.006	48.275	-0.006	48.298	-0.009
43.381	-0.007	43.395	-0.013	43.408	-0.016	43.431	-0.013	48.321	-0.015	48.340	-0.015	48.362	-0.018	48.383	-0.018
43.455	-0.010	43.467	-0.010	43.490	-0.010	43.507	0.002	48.395	-0.018	48.410	-0.018	48.423	-0.012	48.433	-0.006
43.545	0.002	43.550	0.007	43.575	0.013	43.596	0.019	48.452	-0.009	48.459	-0.009	48.469	-0.012	48.480	-0.012
43.609	0.022	43.628	0.022	43.643	0.025	43.662	0.028	48.499	-0.003	48.516	-0.009	48.541	0.000	48.558	0.000
43.687	0.031	43.708	0.037	43.712	0.040	43.738	0.040	48.581	0.003	48.594	0.009	48.617	0.012	48.638	0.018
43.761	0.034	43.763	0.034	43.789	0.043	43.801	0.043	48.655	0.015	48.668	0.012	48.685	0.012	48.693	0.010
43.810	0.049	43.820	0.057	43.841	0.066	43.854	0.072	48.702	0.007	48.715	0.007	48.734	0.001	48.746	-0.008
43.867	0.087	43.890	0.081	43.905	0.081	43.924	0.081	48.757	-0.008	48.770	0.007	48.801	0.001	48.816	-0.002
43.945	0.084	44.066	0.081	44.087	0.081	44.110	0.073	48.839	-0.002	48.858	-0.010	48.871	-0.010	48.886	-0.010
44.044	0.084	44.066	0.081	44.087	0.081	44.110	0.073	48.918	-0.010	48.939	-0.013	48.941	-0.013	48.953	-0.013
44.133	0.067	44.148	0.058	44.173	0.052	44.199	0.049	49.044	-0.012	49.059	-0.015	49.078	-0.015	49.093	-0.015
44.230	0.043	44.247	0.032	44.275	0.023	44.302	0.023	49.165	-0.018	49.182	-0.018	49.190	-0.018	49.201	-0.012
44.317	0.014	44.340	0.014	44.378	0.003	44.387	-0.006	49.222	-0.009	49.271	-0.008	49.300	0.004	49.326	0.004
44.427	-0.012	44.431	-0.015	44.465	-0.018	44.490	-0.029	49.345	-0.013	49.372	-0.013	49.385	0.013	49.404	0.013
44.501	-0.026	44.529	-0.026	44.548	-0.035	44.588	-0.035	49.421	0.004	49.442	0.010	49.461	0.011	49.474	0.011
44.613	-0.038	44.641	-0.037	44.683	-0.037	44.691	-0.037	49.486	0.014	49.495	0.011	49.507	0.011	49.526	0.011
44.706	-0.034	44.723	-0.025	44.751	-0.022	44.759	-0.004	49.543	0.011	49.560	0.011	49.573	0.011	49.588	0.011
44.797	-0.007	44.816	0.002	44.837	-0.001	44.854	-0.001	49.596	0.012	49.611	0.012	49.624	0.012	49.649	0.015
44.875	0.008	44.888	0.017	44.896	0.020	44.915	0.020	49.677	0.015	49.691	0.018	49.715	0.021	49.729	0.015
44.932	0.026	44.956	0.026	44.962	0.026	44.985	0.035	49.744	0.013	49.767	0.013	49.782	0.010	49.799	0.013
45.002	0.038	45.008	0.044	45.025	0.044	45.032	0.047	49.822	0.013	49.848	0.013	49.860	0.013	49.873	0.014
45.042	0.050	45.053	0.056	45.078	0.068	45.089	0.068	49.899	0.014	49.924	0.023	49.939	0.029	49.970	0.032
45.104	0.062	45.125	0.080	45.140	0.077	45.163	0.074	49.994	0.035	50.002	0.041	50.034	0.044	50.047	0.047
45.165	0.062	45.201	0.056	45.235	0.051	45.258	0.045	50.061	0.047	50.072	0.047	50.085	0.047	50.118	0.047
45.285	0.045	45.321	0.042	45.334	0.039	45.364	0.036								
45.395	0.030	45.412	0.030	45.427	0.024	45.450	0.019								

50.129	0.047	50.146	0.047	50.154	0.041	50.180	0.041	50.180	0.041	54.966	0.056	54.992	0.056	55.019	0.057	55.047	0.045
50.203	0.044	50.222	0.038	50.239	0.038	50.249	0.038	50.249	0.038	55.074	0.042	55.095	0.034	55.127	0.025	55.154	0.017
50.279	0.039	50.300	0.039	50.311	0.036	50.338	0.036	50.338	0.036	55.167	0.011	55.182	0.008	55.218	0.002	55.237	0.012
50.362	0.036	50.378	0.030	50.400	0.030	50.423	0.027	50.423	0.027	55.275	-0.012	55.298	-0.012	55.338	-0.014	55.372	-0.020
50.440	0.027	50.461	0.016	50.488	0.016	50.510	0.016	50.510	0.016	55.395	-0.017	55.423	-0.014	55.438	-0.011	55.480	-0.010
50.524	0.016	50.552	0.019	50.562	0.019	50.588	0.019	50.588	0.019	55.505	-0.016	55.522	-0.016	55.543	-0.016	55.567	-0.007
50.611	0.019	50.630	0.019	50.643	0.019	50.679	0.019	50.679	0.019	55.590	-0.007	55.626	-0.001	55.636	0.008	55.670	0.011
50.693	0.019	50.719	0.019	50.744	0.019	50.753	0.019	50.753	0.019	55.710	0.020	55.742	0.023	55.763	0.029	55.789	0.029
50.789	0.013	50.803	0.013	50.831	0.002	50.848	0.002	50.848	0.002	55.816	0.035	55.841	0.041	55.869	0.044	55.899	0.030
50.865	0.002	50.894	0.002	50.909	0.002	50.924	0.002	50.924	0.002	55.928	0.030	55.943	0.050	55.975	0.053	55.996	0.051
50.945	0.002	50.968	-0.001	50.983	-0.001	51.008	-0.001	51.008	-0.001	56.002	0.048	56.023	0.048	56.049	0.048	56.082	0.042
51.034	-0.001	51.053	-0.001	51.070	-0.001	51.078	-0.001	51.078	-0.001	56.110	0.042	56.129	0.042	56.152	0.042	56.178	0.042
51.120	-0.004	51.127	-0.004	51.150	0.002	51.167	0.004	51.167	0.004	56.205	0.039	56.243	0.040	56.262	0.040	56.296	0.031
51.186	0.013	51.203	0.013	51.222	0.013	51.254	0.013	51.254	0.013	56.328	0.002	56.342	-0.004	56.381	0.013	56.410	0.005
51.271	0.025	51.283	0.028	51.315	0.037	51.332	0.032	51.332	0.032	56.423	0.002	56.442	-0.004	56.478	-0.004	56.507	-0.007
51.357	0.052	51.370	0.058	51.400	0.058	51.421	0.052	51.421	0.052	56.526	-0.010	56.550	-0.010	56.583	-0.010	56.624	-0.010
51.440	0.058	51.463	0.064	51.484	0.061	51.507	0.059	51.507	0.059	56.638	-0.010	56.674	-0.009	56.693	-0.006	56.725	-0.006
51.522	0.059	51.537	0.053	51.579	0.047	51.581	0.038	51.581	0.038	56.742	-0.000	56.770	-0.000	56.791	-0.000	56.812	-0.000
51.622	0.027	51.649	0.033	51.662	0.030	51.681	0.027	51.681	0.027	56.818	0.006	56.852	0.009	56.871	0.009	56.903	0.009
51.717	0.018	51.738	0.015	51.755	0.001	51.770	-0.001	51.770	-0.001	56.924	0.015	56.947	0.018	56.962	0.018	56.977	0.018
51.784	-0.020	51.808	-0.023	51.825	-0.031	51.837	-0.031	51.837	-0.031	56.996	0.018	57.011	0.018	57.030	0.024	57.049	0.024
51.869	-0.031	51.882	-0.031	51.909	-0.031	51.928	-0.031	51.928	-0.031	57.072	0.021	57.097	0.018	57.129	0.015	57.144	0.015
51.933	-0.025	51.970	-0.025	51.992	-0.025	52.023	-0.024	52.023	-0.024	57.163	0.016	57.169	0.016	57.201	0.016	57.222	0.016
52.042	-0.024	52.061	-0.018	52.063	-0.018	52.089	-0.018	52.089	-0.018	57.249	0.010	57.273	0.004	57.281	0.004	57.309	-0.002
52.108	-0.018	52.120	-0.017	52.148	-0.005	52.161	-0.005	52.161	-0.005	57.336	-0.005	57.376	-0.014	57.419	-0.019	57.440	-0.022
52.178	-0.005	52.209	-0.001	52.220	0.004	52.233	0.013	52.233	0.013	57.465	-0.022	57.484	-0.022	57.533	-0.022	57.537	-0.022
52.273	0.022	52.302	0.032	52.317	0.040	52.345	0.050	52.345	0.050	57.554	-0.022	57.577	-0.022	57.600	-0.022	57.619	-0.016
52.364	0.050	52.389	0.044	52.412	0.044	52.438	0.044	52.438	0.044	57.647	-0.001	57.672	-0.010	57.696	-0.007	57.736	-0.001
52.446	0.033	52.480	0.033	52.499	0.021	52.516	0.021	52.516	0.021	57.757	0.001	57.776	0.005	57.797	0.008	57.831	0.008
52.541	0.022	52.548	0.019	52.586	0.010	52.607	0.010	52.607	0.010	57.850	0.014	57.877	0.014	57.901	0.017	57.953	0.017
52.638	0.011	52.655	0.011	52.683	0.011	52.702	0.011	52.702	0.011	57.975	0.023	57.985	0.026	58.013	0.035	58.049	0.033
52.734	0.005	52.746	-0.001	52.763	-0.003	52.795	-0.015	52.795	-0.015	58.068	0.033	58.095	0.026	58.120	0.021	58.148	0.022
52.812	-0.021	52.820	-0.024	52.839	-0.030	52.863	-0.033	52.863	-0.033	58.171	0.019	58.194	0.019	58.220	0.014	58.258	0.011
52.894	-0.038	52.924	-0.044	52.937	-0.041	52.939	-0.029	52.939	-0.029	58.273	0.008	58.292	0.005	58.315	0.006	58.351	0.006
52.968	-0.041	52.994	-0.041	53.023	-0.041	53.038	-0.041	53.038	-0.041	58.374	0.003	58.391	0.003	58.414	0.007	58.427	0.004
53.061	-0.041	53.080	-0.041	53.108	-0.041	53.133	-0.041	53.133	-0.041	58.446	0.016	58.469	0.010	58.488	0.004	58.516	0.011
53.150	-0.032	53.165	-0.032	53.186	-0.035	53.205	-0.035	53.205	-0.035	58.529	0.011	58.554	0.011	58.562	0.008	58.590	0.005
53.230	-0.023	53.241	-0.023	53.273	-0.026	53.294	-0.029	53.294	-0.029	58.609	0.003	58.622	-0.000	58.636	-0.000	58.666	0.000
53.309	-0.031	53.321	-0.034	53.355	-0.034	53.372	-0.043	53.372	-0.043	58.677	-0.006	58.702	-0.005	58.717	-0.005	58.744	-0.005
53.381	-0.046	53.408	-0.049	53.461	-0.055	53.469	-0.061	53.469	-0.061	58.778	-0.013	58.818	-0.016	58.839	-0.016	58.854	-0.015
53.501	-0.064	53.529	-0.066	53.539	-0.063	53.579	-0.058	53.579	-0.058	58.875	-0.013	58.905	-0.015	58.932	-0.015	58.953	-0.015
53.613	-0.057	53.622	-0.057	53.655	-0.052	53.666	-0.049	53.666	-0.049	58.977	-0.020	59.015	-0.020	59.049	-0.019	59.080	-0.019
53.689	-0.034	53.729	-0.028	53.740	-0.022	53.759	-0.016	53.759	-0.016	59.095	-0.019	59.125	-0.018	59.161	-0.009	59.169	-0.000
53.789	-0.013	53.820	-0.013	53.831	-0.004	53.858	0.002	53.858	0.002	59.199	0.006	59.228	0.018	59.256	0.018	59.268	0.013
53.877	-0.007	53.909	-0.013	53.920	-0.019	53.947	-0.019	53.947	-0.019	59.273	0.018	59.298	0.024	59.338	0.024	59.345	0.024
53.964	-0.022	53.977	-0.028	53.992	-0.022	54.013	-0.025	54.013	-0.025	59.364	0.024	59.383	0.024	59.397	0.024	59.421	0.024
54.038	-0.025	54.066	-0.031	54.080	-0.034	54.118	-0.034	54.118	-0.034	59.446	0.013	59.463	0.013	59.482	0.013	59.501	0.010
54.129	-0.040	54.171	-0.040	54.182	-0.040	54.211	-0.040	54.211	-0.040	59.520	0.007	59.533	0.003	59.560	-0.001	59.586	-0.013
54.266	-0.039	54.277	-0.039	54.304	-0.039	54.323	-0.039	54.323	-0.039	59.617	-0.013	59.634	-0.013	59.655	-0.015	59.689	-0.015
54.342	-0.036	54.362	-0.033	54.383	-0.033	54.397	-0.033	54.397	-0.033	59.717	-0.018	59.734	-0.018	59.776	-0.015	59.810	-0.021
54.423	-0.033	54.448	-0.036	54.461	-0.030	54.495	-0.027	54.495	-0.027	59.835	-0.021	59.871	-0.021	59.882	-0.020	59.905	-0.021
54.526	-0.018	54.548	-0.012	54.567	-0.009	54.590	-0.003	54.590	-0.003	59.937	-0.011	59.979	-0.011	59.979	-0.011	60.021	0.001
54.605	-0.003	54.619	0.015	54.636	0.021	54.660	0.024	54.660	0.024	60.047	0.007	60.097	0.010	60.106	0.013	60.133	0.016
54.702	0.027	54.715	0.039	54.746	0.042	54.772	0.045	54.772	0.045	60.186	0.022	60.216	0.025	60.226	0.022	60.252	0.028
54.791	0.049	54.803	0.049	54.825	0.055	54.856	0.058	54.856	0.058	60.277	0.031	60.300	0.031	60.328	0.031	60.351	0.030
54.873	0.058	54.905	0.058	54.930	0.065	54.949	0.056	54.949	0.056	60.362	0.031	60.368	0.031	60.395	0.031	60.416	0.034

60.446	0.037	60.463	0.040	60.505	0.049	60.537	0.056	65.660	0.002	65.683	-0.001	65.717	-0.007	65.736	-0.009
60.564	0.056	60.581	0.056	60.600	0.056	60.632	0.059	65.763	-0.009	65.780	-0.015	65.797	-0.015	65.820	-0.015
60.647	0.059	60.681	0.060	60.689	0.054	60.717	0.051	65.837	-0.017	65.863	-0.017	65.875	-0.017	65.882	-0.017
60.734	0.051	60.757	0.040	60.786	0.034	60.829	0.028	65.899	-0.017	65.911	-0.017	65.932	-0.016	65.953	-0.016
60.877	0.017	60.905	0.017	60.937	0.018	60.956	0.015	65.966	-0.016	65.994	-0.016	66.019	-0.016	66.036	-0.015
60.977	0.006	61.015	0.004	61.030	0.004	61.070	0.004	66.070	-0.012	66.091	-0.009	66.106	-0.006	66.131	-0.006
61.093	0.004	61.123	0.004	61.148	0.004	61.163	0.007	66.152	-0.003	66.173	-0.002	66.190	-0.005	66.199	-0.005
61.184	-0.006	61.216	-0.012	61.245	-0.012	61.264	-0.026	66.211	-0.005	66.237	-0.008	66.247	-0.010	66.256	-0.010
61.290	-0.026	61.309	-0.026	61.351	-0.025	61.370	-0.025	66.271	-0.010	66.279	-0.010	66.313	-0.010	66.332	-0.010
61.402	-0.025	61.431	-0.027	61.448	-0.027	61.482	-0.027	66.353	-0.009	66.366	-0.012	66.402	-0.012	66.431	-0.015
61.505	-0.026	61.529	-0.026	61.543	-0.026	61.554	-0.026	66.457	-0.018	66.474	-0.023	66.512	-0.023	66.531	-0.023
61.579	-0.026	61.603	-0.026	61.632	-0.032	61.638	-0.032	66.545	-0.023	66.567	-0.023	66.588	-0.020	66.611	-0.020
61.679	-0.032	61.704	-0.031	61.727	-0.031	61.755	-0.031	66.634	-0.020	66.645	-0.020	66.658	-0.020	66.679	-0.019
61.776	-0.031	61.799	-0.031	61.835	-0.028	61.856	-0.028	66.693	-0.019	66.712	-0.019	66.731	-0.019	66.753	-0.019
61.890	-0.025	61.915	-0.019	61.953	-0.022	61.956	-0.010	66.774	-0.019	66.791	-0.019	66.812	-0.019	66.825	-0.019
62.000	-0.010	62.042	-0.016	62.044	-0.013	62.106	-0.007	66.841	-0.019	66.846	-0.019	66.867	-0.019	66.884	-0.018
62.146	-0.004	62.169	0.002	62.211	0.016	62.233	0.031	66.915	-0.021	66.924	-0.024	66.941	-0.024	66.977	-0.024
62.260	0.034	62.296	0.037	62.334	0.040	62.364	0.040	66.985	-0.027	67.008	-0.030	67.027	-0.030	67.038	-0.032
62.404	0.034	62.425	0.031	62.457	0.031	62.482	0.040	67.053	-0.035	67.068	-0.032	67.093	-0.032	67.104	-0.032
62.507	0.037	62.535	0.035	62.569	0.035	62.603	0.032	67.116	-0.032	67.137	-0.034	67.156	-0.032	67.169	-0.035
62.634	0.029	62.674	0.029	62.687	0.029	62.729	0.029	67.197	-0.035	67.211	-0.034	67.235	-0.037	67.277	-0.037
62.755	0.029	62.763	0.029	62.784	0.029	62.814	0.030	67.294	-0.037	67.311	-0.028	67.332	-0.028	67.357	-0.028
62.822	0.030	62.844	0.030	62.875	0.030	62.890	0.030	67.378	-0.022	67.423	-0.019	67.442	-0.016	67.465	-0.007
62.903	0.027	62.922	0.024	62.932	0.018	62.951	0.013	67.499	-0.001	67.539	-0.003	67.541	-0.000	67.562	-0.003
62.968	-0.010	62.994	-0.013	63.008	-0.002	63.042	-0.010	67.598	0.003	67.622	0.006	67.643	0.009	67.662	0.009
63.066	-0.010	63.087	-0.007	63.125	-0.007	63.152	-0.013	67.691	0.009	67.723	0.013	67.744	0.016	67.759	0.022
63.171	-0.015	63.192	-0.015	63.201	-0.018	63.214	-0.018	67.795	0.022	67.816	0.025	67.854	0.031	67.871	0.031
63.239	-0.021	63.264	-0.021	63.279	-0.024	63.296	-0.024	67.890	0.034	67.913	0.035	67.930	0.038	67.953	0.038
63.311	-0.023	63.323	-0.023	63.338	-0.024	63.347	-0.026	67.970	0.038	67.987	0.038	68.013	0.029	68.023	0.041
63.362	-0.029	63.381	-0.029	63.395	-0.029	63.421	-0.028	68.051	0.033	68.068	0.030	68.085	0.033	68.101	0.027
63.440	-0.028	63.452	-0.031	63.463	-0.031	63.484	-0.031	68.135	0.027	68.148	0.027	68.165	0.027	68.184	0.027
63.501	-0.031	63.518	-0.030	63.531	-0.030	63.556	-0.030	68.199	0.027	68.241	0.031	68.260	0.034	68.266	0.034
63.571	-0.027	63.598	-0.030	63.607	-0.030	63.624	-0.029	68.296	0.040	68.319	0.046	68.334	0.049	68.370	0.038
63.641	-0.029	63.662	-0.029	63.670	-0.029	63.696	-0.029	68.412	0.061	68.423	0.055	68.463	0.055	68.474	0.055
63.710	-0.032	63.727	-0.031	63.746	-0.031	63.765	-0.031	68.497	0.055	68.529	0.055	68.535	0.055	68.564	0.050
63.778	-0.031	63.789	-0.031	63.814	-0.022	63.856	-0.021	68.605	0.050	68.609	0.050	68.643	0.044	68.658	0.044
63.873	-0.006	63.905	-0.009	63.920	-0.006	63.956	-0.002	68.683	0.044	68.698	0.044	68.715	0.044	68.731	0.045
63.979	0.001	64.015	0.010	64.047	0.011	64.049	0.017	68.744	0.042	68.770	0.042	68.793	0.042	68.799	0.039
64.099	0.023	64.118	0.020	64.133	0.029	64.165	0.027	68.812	0.036	68.837	0.030	68.852	0.030	68.869	0.030
64.190	0.021	64.218	0.019	64.239	0.025	64.249	0.022	68.879	0.030	68.911	0.028	68.926	0.022	68.953	0.019
64.277	0.022	64.304	0.020	64.319	0.020	64.336	0.026	68.960	0.019	68.987	0.019	68.998	0.019	69.019	0.019
64.385	0.032	64.404	0.029	64.423	0.032	64.429	0.029	69.051	0.019	69.072	0.019	69.093	0.019	69.123	0.019
64.455	0.024	64.488	0.015	64.505	0.006	64.531	0.001	69.137	0.019	69.154	0.020	69.171	0.020	69.188	0.020
64.548	-0.002	64.575	-0.008	64.596	-0.008	64.617	-0.005	69.199	0.020	69.233	0.020	69.266	0.020	69.273	0.020
64.638	-0.007	64.663	-0.007	64.712	-0.007	64.734	-0.001	69.290	0.014	69.307	0.014	69.323	0.008	69.353	0.008
64.744	-0.001	64.767	-0.004	64.795	-0.004	64.814	0.008	69.395	0.009	69.404	0.009	69.442	0.009	69.469	0.006
64.841	0.014	64.875	0.023	64.909	0.029	64.920	0.032	69.484	0.006	69.501	0.006	69.522	0.009	69.545	0.009
64.962	0.035	64.998	0.044	65.000	0.044	65.036	0.041	69.577	-0.009	69.591	-0.005	69.636	0.009	69.658	0.004
65.047	0.044	65.072	0.053	65.074	0.053	65.101	0.050	69.679	-0.008	69.691	-0.004	69.721	0.004	69.751	0.004
65.112	0.050	65.140	0.053	65.169	0.050	65.184	0.050	69.776	0.004	69.786	0.004	69.812	0.004	69.839	0.005
65.197	0.056	65.207	0.054	65.218	0.054	65.248	0.054	69.871	0.005	69.888	0.005	69.913	0.005	69.939	0.005
65.264	0.054	65.290	0.054	65.302	0.054	65.323	0.055	69.958	-0.001	69.985	-0.001	69.996	-0.009	70.034	-0.009
65.340	0.055	65.362	0.055	65.378	0.052	65.408	0.044	70.051	-0.009	70.076	-0.015	70.110	-0.018	70.118	-0.018
65.412	0.041	65.427	0.038	65.476	0.032	65.488	0.027	70.159	-0.018	70.173	-0.018	70.194	-0.018	70.222	-0.020
65.512	0.027	65.529	0.024	65.541	0.024	65.573	0.024	70.237	-0.020	70.258	-0.023	70.292	-0.029	70.323	-0.035
65.586	0.013	65.613	0.013	65.628	0.010	65.649	0.004	70.362	-0.041	70.402	-0.041	70.433	-0.055	70.450	-0.055

70.480	-0.055	70.524	-0.058	70.562	-0.058	70.586	-0.058	75.120	-0.005	75.133	-0.005	75.142	-0.004	75.171	-0.004
70.624	-0.061	70.638	-0.061	70.677	-0.058	70.706	-0.052	75.205	-0.007	75.226	-0.012	75.243	-0.012	75.266	-0.012
70.738	-0.052	70.765	-0.054	70.812	-0.054	70.841	-0.054	75.279	-0.012	75.304	-0.012	75.321	-0.011	75.336	-0.011
70.875	-0.053	70.899	-0.050	70.922	-0.050	70.964	-0.046	75.362	-0.011	75.370	-0.011	75.389	-0.011	75.429	-0.010
71.006	-0.040	71.034	-0.031	71.059	-0.031	71.074	-0.026	75.457	-0.004	75.482	-0.004	75.512	-0.006	75.539	-0.000
71.116	-0.021	71.150	-0.021	71.182	-0.024	71.216	-0.020	75.567	-0.003	75.598	0.003	75.628	0.007	75.649	0.007
71.239	-0.017	71.262	-0.011	71.304	-0.019	71.347	-0.016	75.683	0.007	75.712	0.005	75.734	0.005	75.736	0.005
71.370	-0.003	71.381	-0.000	71.414	-0.006	71.457	0.010	75.751	0.005	75.778	-0.001	75.818	-0.000	75.820	-0.000
71.490	0.029	71.499	0.023	71.524	0.027	71.539	0.027	75.868	0.000	75.879	-0.001	75.920	-0.005	75.945	-0.005
71.588	0.025	71.588	0.022	71.598	0.023	71.611	0.023	75.953	-0.005	75.989	-0.004	76.013	0.002	76.038	0.002
71.632	0.032	71.645	0.033	71.683	0.034	71.700	0.034	76.055	0.002	76.074	0.003	76.104	0.003	76.150	0.006
71.710	0.034	71.723	0.037	71.744	0.041	71.763	0.044	76.167	0.006	76.190	0.012	76.218	0.012	76.237	0.018
71.780	0.045	71.810	0.045	71.822	0.037	71.833	0.031	76.275	0.012	76.290	0.015	76.311	0.015	76.340	0.021
71.846	0.031	71.856	0.031	71.879	0.031	71.901	0.043	76.351	0.018	76.368	0.018	76.404	0.019	76.423	0.022
71.915	0.044	71.949	0.044	71.970	0.032	71.992	0.041	76.442	0.019	76.452	0.019	76.471	0.022	76.507	0.025
72.004	0.041	72.038	0.042	72.047	0.042	72.059	0.039	76.537	0.028	76.554	0.028	76.579	0.028	76.624	0.031
72.091	0.033	72.127	0.034	72.148	0.034	72.171	0.034	76.641	0.031	76.674	0.034	76.706	0.034	76.723	0.034
72.186	0.029	72.194	0.029	72.211	0.029	72.237	0.029	76.748	0.034	76.772	0.034	76.791	0.031	76.810	0.031
72.277	0.029	72.294	0.030	72.300	0.030	72.317	0.030	76.825	0.029	76.846	0.029	76.863	0.029	76.897	0.029
72.336	0.033	72.355	0.033	72.370	0.033	72.378	0.033	76.928	0.029	76.945	0.023	76.964	0.023	76.987	0.023
72.414	0.034	72.444	0.028	72.469	0.028	72.512	0.028	77.006	0.024	77.030	0.024	77.063	0.018	77.074	0.018
72.541	0.026	72.564	0.020	72.588	0.020	72.605	0.020	77.089	0.015	77.127	0.015	77.146	0.004	77.175	0.007
72.626	0.020	72.641	0.021	72.655	0.021	72.679	0.015	77.205	0.007	77.228	0.007	77.241	0.007	77.273	0.002
72.702	0.015	72.719	0.015	72.727	0.012	72.740	0.012	77.300	-0.004	77.323	-0.004	77.347	-0.007	77.364	-0.007
72.759	0.010	72.767	0.010	72.784	0.010	72.799	0.004	77.400	-0.007	77.425	-0.006	77.450	-0.000	77.469	-0.009
72.810	0.004	72.827	-0.002	72.856	-0.002	72.859	-0.001	77.501	-0.008	77.529	-0.008	77.562	-0.008	77.603	-0.007
72.886	-0.004	72.894	-0.013	72.918	-0.013	72.943	-0.013	77.638	0.002	77.668	0.001	77.712	0.003	77.753	0.003
72.958	-0.013	72.992	-0.012	73.011	-0.012	73.019	-0.012	77.767	0.006	77.797	0.007	77.816	0.007	77.846	0.007
73.051	-0.012	73.057	-0.012	73.076	-0.012	73.093	-0.011	77.890	0.002	77.922	0.002	77.941	-0.002	77.977	-0.003
73.112	-0.011	73.131	-0.011	73.154	-0.011	73.180	-0.011	78.013	0.003	78.036	0.001	78.061	-0.002	78.093	-0.002
73.203	-0.008	73.239	-0.004	73.252	-0.004	73.271	-0.004	78.127	-0.007	78.146	-0.007	78.169	0.002	78.197	0.002
73.302	-0.004	73.323	-0.004	73.330	-0.004	73.342	-0.004	78.224	-0.009	78.245	-0.012	78.260	-0.012	78.296	-0.011
73.362	-0.003	73.383	-0.003	73.395	-0.003	73.425	-0.006	78.307	-0.011	78.338	-0.002	78.364	-0.002	78.383	0.001
73.427	-0.006	73.455	-0.005	73.474	-0.005	73.480	-0.002	78.408	0.001	78.448	0.002	78.461	0.002	78.482	0.005
73.497	-0.002	73.522	0.001	73.531	0.001	73.543	0.002	78.514	0.008	78.520	0.005	78.537	0.005	78.560	0.003
73.562	0.002	73.586	0.002	73.611	0.005	73.636	0.006	78.592	0.003	78.619	0.000	78.636	0.000	78.668	0.001
73.649	0.006	73.670	0.006	73.689	0.006	73.698	0.006	78.696	0.001	78.715	0.001	78.731	0.001	78.755	-0.007
73.715	0.007	73.755	0.007	73.770	0.010	73.797	0.013	78.770	-0.001	78.782	-0.001	78.805	-0.001	78.814	-0.001
73.820	0.014	73.835	0.014	73.848	0.014	73.865	0.014	78.827	-0.001	78.848	-0.000	78.877	-0.006	78.879	-0.006
73.884	0.014	73.892	0.015	73.909	0.015	73.932	0.015	78.892	-0.006	78.901	-0.006	78.926	-0.006	78.949	-0.011
73.941	0.015	73.953	0.015	73.985	0.016	74.017	0.013	78.964	-0.011	78.975	-0.011	78.987	-0.011	79.019	-0.016
74.042	0.013	74.044	0.010	74.059	0.005	74.082	0.005	79.032	-0.019	79.080	-0.027	79.099	-0.027	79.116	-0.027
74.106	0.002	74.123	0.002	74.133	0.002	74.146	0.003	79.135	-0.027	79.148	-0.027	79.175	-0.021	79.186	-0.020
74.161	0.003	74.175	0.003	74.197	-0.003	74.218	-0.003	79.197	-0.020	79.220	-0.017	79.256	-0.021	79.268	-0.011
74.233	-0.002	74.256	-0.002	74.271	-0.002	74.288	-0.002	79.288	-0.011	79.300	-0.010	79.319	-0.010	79.345	-0.010
74.309	-0.005	74.326	-0.010	74.351	-0.010	74.368	-0.010	79.359	-0.010	79.397	-0.004	79.414	0.003	79.423	0.003
74.376	-0.010	74.408	-0.010	74.419	-0.010	74.429	-0.010	79.433	0.003	79.465	0.006	79.507	0.006	79.541	0.016
74.452	-0.010	74.471	-0.010	74.484	-0.010	74.503	-0.010	79.458	0.003	79.573	0.019	79.617	0.019	79.634	0.022
74.524	-0.010	74.537	-0.010	74.548	-0.010	74.571	-0.010	79.660	0.023	79.691	0.023	79.717	0.024	79.738	0.024
74.583	-0.018	74.594	-0.018	74.626	-0.018	74.643	-0.018	79.763	0.024	79.778	0.028	79.803	0.028	79.822	0.025
74.649	-0.018	74.668	-0.018	74.698	-0.018	74.719	-0.021	79.849	0.019	79.875	0.013	79.899	0.013	80.032	-0.001
74.748	-0.021	74.761	-0.021	74.776	-0.024	74.793	-0.024	79.949	0.019	80.091	0.003	80.106	0.001	80.140	0.001
74.812	-0.024	74.837	-0.024	74.854	-0.021	74.879	-0.018	80.066	0.003	80.178	-0.004	80.205	-0.007	80.237	-0.009
74.913	-0.015	74.926	-0.015	74.956	-0.012	74.971	-0.009	80.144	0.001	80.178	-0.004	80.205	-0.007	80.237	-0.009
74.994	-0.012	75.000	-0.012	75.002	-0.012	75.021	-0.006	80.245	-0.012	80.279	-0.011	80.321	-0.011	80.345	-0.013
75.049	-0.003	75.059	-0.002	75.087	-0.002	75.099	-0.005	80.359	-0.016	80.404	-0.016	80.423	-0.019	80.446	-0.019

80.455	-0.018	80.493	-0.018	80.520	-0.015	80.537	-0.015
80.554	-0.015	80.579	-0.015	80.607	-0.014	80.630	-0.014
80.641	-0.014	80.670	-0.014	80.700	-0.014	80.710	-0.014
80.740	-0.011	80.746	-0.011	80.763	-0.008	80.784	-0.008
80.810	-0.002	80.844	0.007	80.856	0.007	80.888	0.008
80.903	0.008	80.922	0.008	80.945	0.008	80.960	0.008
81.002	0.008	81.047	0.014	81.072	0.020	81.087	0.014
81.112	0.011	81.137	0.017	81.150	0.018	81.199	0.021
81.226	0.021	81.230	0.024	81.264	0.024	81.302	0.030
81.336	0.033	81.357	0.039	81.416	0.042	81.444	0.043
81.474	0.043	81.503	0.043	81.529	0.043	81.554	0.044
81.556	0.044	81.571	0.038	81.617	0.041	81.647	0.042
81.715	0.039	81.746	0.028	81.763	0.028	81.793	0.028
81.837	0.020	81.856	0.014	81.867	0.014	81.896	0.015
81.915	0.015	81.934	0.015	81.953	0.012	81.973	0.009
81.983	0.009	82.008	0.010	82.021	0.010	82.034	0.010
82.051	0.007	82.072	0.007	82.101	0.001	82.110	0.002
82.152	-0.004	82.180	-0.004	82.184	-0.007	82.220	-0.006
82.258	-0.009	82.271	-0.009				

68. 103 4/8/68 1830 PST ORANGE COUNTY ENG BLDG, SANTA ANA S86W

2860 POINTS 82.307 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCLN.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0269 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.007	0.007	0.032	0.009	0.066	0.015	0.087	0.021	4.082	0.010	4.106	0.007	4.125	0.004	4.148	-0.002	4.169	-0.005
0.024	0.024	0.129	0.027	0.148	0.021	0.175	0.015	4.169	-0.005	4.190	-0.008	4.222	-0.008	4.241	-0.008	4.260	-0.002
0.104	0.104	0.201	0.015	0.220	0.012	0.233	0.009	4.260	-0.002	4.281	-0.002	4.294	-0.002	4.317	-0.004	4.336	-0.004
0.186	0.186	0.283	0.003	0.311	0.008	0.336	0.014	4.349	-0.001	4.368	-0.007	4.383	-0.007	4.412	-0.004	4.431	-0.004
0.258	0.258	0.395	0.005	0.419	0.011	0.446	0.011	4.442	-0.004	4.463	-0.004	4.476	0.005	4.497	0.008	4.516	-0.004
0.370	0.370	0.484	0.022	0.503	0.022	0.537	0.005	4.535	0.017	4.554	0.014	4.590	0.008	4.609	0.005	4.628	-0.004
0.463	0.463	0.594	0.010	0.613	0.010	0.636	0.010	4.632	0.002	4.649	0.002	4.666	0.002	4.696	-0.007	4.715	-0.007
0.556	0.556	0.670	0.010	0.685	0.010	0.715	0.007	4.717	-0.007	4.734	-0.009	4.763	-0.015	4.774	-0.009	4.793	-0.009
0.738	0.738	0.765	-0.005	0.789	-0.005	0.808	0.001	4.786	-0.009	4.816	-0.000	4.825	-0.000	4.841	-0.000	4.860	-0.000
0.841	0.841	0.869	0.004	0.886	0.004	0.911	0.004	4.865	0.003	4.894	0.003	4.924	-0.000	4.943	-0.000	4.962	-0.000
0.924	0.924	0.968	0.006	1.004	-0.003	1.006	0.006	4.968	-0.000	4.977	0.003	5.011	0.009	5.030	0.003	5.049	-0.003
1.021	1.021	1.044	0.006	1.080	0.006	1.110	0.003	5.047	0.000	5.068	-0.003	5.093	-0.009	5.110	-0.003	5.129	-0.003
1.135	1.135	1.154	-0.000	1.180	0.006	1.205	0.000	5.140	0.000	5.156	-0.009	5.182	-0.011	5.195	-0.011	5.214	-0.011
1.256	1.256	1.281	-0.000	1.288	-0.003	1.313	-0.015	5.228	-0.003	5.235	0.006	5.256	0.018	5.279	0.021	5.298	0.021
1.355	1.355	1.383	-0.009	1.425	-0.020	1.444	-0.003	5.302	0.021	5.307	0.021	5.332	0.024	5.378	0.024	5.397	0.024
1.469	1.469	1.493	0.009	1.529	0.006	1.560	0.007	5.393	0.024	5.410	0.024	5.440	0.019	5.461	0.007	5.481	0.007
1.592	1.592	1.609	0.013	1.634	0.010	1.660	0.007	5.488	-0.005	5.507	-0.011	5.526	-0.014	5.552	-0.017	5.571	-0.017
1.679	1.679	1.702	0.007	1.725	0.010	1.746	0.010	5.569	-0.011	5.579	-0.011	5.594	-0.004	5.611	-0.005	5.630	-0.005
1.763	1.763	1.797	0.013	1.818	0.010	1.837	0.007	5.630	-0.002	5.660	0.001	5.674	0.004	5.693	0.007	5.712	0.007
1.863	1.863	1.882	0.002	1.907	-0.004	1.920	-0.007	5.712	0.016	5.729	0.025	5.751	0.025	5.761	0.019	5.780	0.019
1.934	1.934	1.958	-0.016	1.992	-0.019	2.015	-0.021	5.780	0.016	5.795	0.019	5.799	0.022	5.814	0.025	5.833	0.025
2.023	2.023	2.051	-0.001	2.085	0.005	2.095	0.011	5.839	0.031</								

7.579	0.020	7.611	0.014	7.641	0.005	7.668	-0.007	13.655	-0.007	13.679	-0.013	13.702	-0.013	13.729	-0.019
7.698	-0.013	7.746	-0.016	7.778	-0.019	7.803	-0.019	13.763	-0.022	13.776	-0.022	13.818	-0.027	13.863	-0.016
7.827	-0.019	7.858	-0.019	7.871	-0.019	7.901	-0.019	13.879	-0.007	13.899	0.005	13.913	0.014	13.943	0.014
7.918	-0.010	7.943	-0.001	7.960	0.005	7.994	0.005	13.958	0.020	14.011	0.029	14.011	0.029	14.032	0.020
8.034	0.002	8.053	0.002	8.063	0.002	8.089	0.008	14.066	0.011	14.101	-0.001	14.118	-0.001	14.150	-0.004
8.127	0.005	8.154	0.011	8.180	0.005	8.199	0.005	14.171	-0.004	14.201	-0.013	14.228	-0.016	14.245	-0.019
8.218	0.005	8.237	0.008	8.260	0.020	8.281	0.014	14.260	-0.004	14.307	-0.016	14.328	-0.016	14.349	-0.016
8.317	0.020	8.345	0.011	8.374	0.006	8.393	0.006	14.376	-0.016	14.387	-0.016	14.408	-0.016	14.431	-0.007
8.429	0.015	8.442	-0.009	8.467	-0.012	8.497	-0.018	14.448	-0.007	14.467	0.002	14.482	0.005	14.503	0.011
8.526	-0.003	8.554	-0.009	8.590	-0.011	8.605	-0.003	14.514	0.017	14.537	0.017	14.556	0.019	14.581	0.019
8.638	-0.003	8.664	0.009	8.677	0.006	8.698	0.015	14.611	0.019	14.619	0.016	14.645	0.016	14.664	0.016
8.717	0.012	8.738	0.010	8.763	0.010	8.789	0.010	14.683	0.013	14.708	0.013	14.734	0.016	14.751	0.013
8.801	0.010	8.810	0.007	8.839	0.016	8.865	0.016	14.780	0.016	14.797	0.019	14.803	0.022	14.833	0.025
8.882	0.016	8.909	0.022	8.928	0.028	8.951	0.031	14.852	0.019	14.877	0.016	14.899	0.007	14.920	0.004
8.979	0.031	9.002	0.037	9.008	0.031	9.030	0.031	14.953	-0.008	14.992	-0.011	15.025	-0.008	15.051	0.001
9.066	0.034	9.097	0.031	9.127	0.019	9.154	0.007	15.066	-0.002	15.091	0.007	15.125	0.010	15.165	0.015
9.173	-0.011	9.199	-0.019	9.222	-0.022	9.258	-0.025	15.173	0.021	15.199	0.021	15.216	0.024	15.237	0.021
9.281	-0.028	9.311	-0.023	9.340	-0.023	9.366	-0.017	15.268	0.009	15.317	0.009	15.334	0.003	15.351	0.003
9.389	-0.005	9.400	-0.005	9.425	0.004	9.465	0.018	15.389	0.000	15.400	0.000	15.412	0.000	15.442	0.000
9.488	0.033	9.495	0.042	9.533	0.045	9.552	0.051	15.469	-0.000	15.501	0.009	15.522	0.015	15.539	0.003
9.592	0.031	9.611	0.030	9.647	0.012	9.670	0.009	15.573	-0.006	15.603	-0.015	15.641	-0.018	15.660	-0.021
9.693	-0.009	9.744	-0.010	9.765	-0.030	9.772	-0.033	15.681	-0.021	15.700	-0.024	15.717	-0.024	15.744	-0.024
9.812	-0.024	9.848	-0.010	9.890	-0.004	9.903	0.011	15.785	-0.024	15.782	-0.024	15.808	-0.021	15.829	-0.021
9.924	0.017	9.951	0.016	9.968	0.016	10.002	0.016	15.852	-0.027	15.869	-0.030	15.899	-0.030	15.928	-0.033
10.013	0.013	10.032	0.013	10.057	0.013	10.080	0.004	15.947	-0.023	15.981	-0.015	16.006	-0.015	16.021	-0.013
10.116	0.010	10.137	0.010	10.161	0.010	10.175	0.010	16.044	-0.013	16.072	-0.004	16.082	-0.001	16.104	-0.001
10.190	0.018	10.222	0.027	10.247	0.015	10.268	0.003	16.125	0.005	16.146	0.011	16.178	0.008	16.192	-0.001
10.288	0.003	10.313	-0.006	10.338	-0.006	10.362	0.000	16.224	-0.010	16.247	-0.011	16.264	-0.007	16.281	-0.007
10.387	-0.000	10.400	-0.000	10.425	-0.000	10.463	0.006	16.302	-0.001	16.342	0.002	16.357	-0.001	16.387	-0.001
10.486	0.008	10.499	0.014	10.537	0.020	10.556	0.026	16.406	-0.004	16.425	-0.001	16.454	-0.001	16.482	-0.001
10.592	0.017	10.617	0.008	10.649	0.005	10.658	-0.001	16.503	-0.001	16.531	0.002	16.554	-0.001	16.588	0.002
10.681	-0.010	10.725	-0.013	10.755	-0.013	10.767	-0.013	16.598	0.002	16.626	0.005	16.653	-0.004	16.666	-0.010
10.805	-0.013	10.835	-0.004	10.858	0.007	10.886	0.010	16.689	-0.010	16.715	-0.004	16.740	-0.004	16.776	-0.004
10.918	-0.005	10.945	-0.002	10.970	0.001	10.996	-0.002	16.799	-0.004	16.812	-0.004	16.827	-0.004	16.852	-0.001
11.015	0.001	11.055	0.004	11.080	0.001	11.114	-0.011	16.877	-0.001	16.896	-0.001	16.918	0.005	16.949	0.008
11.159	-0.020	11.184	-0.026	11.237	-0.032	11.258	-0.032	16.962	0.005	16.987	-0.004	17.004	-0.007	17.025	-0.010
11.271	-0.032	11.317	-0.035	11.355	-0.026	11.387	-0.017	17.061	-0.010	17.087	-0.007	17.101	0.002	17.120	0.002
11.421	-0.009	11.476	-0.012	11.495	-0.000	11.533	-0.012	17.140	0.002	17.165	0.008	17.190	0.005	17.222	0.008
11.545	-0.003	11.571	-0.003	11.605	-0.000	11.630	0.006	17.249	0.002	17.271	-0.007	17.281	-0.013	17.307	-0.013
11.649	-0.006	11.670	0.003	11.717	-0.000	11.736	-0.000	17.323	-0.019	17.347	-0.019	17.364	-0.019	17.395	-0.016
11.770	0.003	11.793	0.011	11.816	0.014	11.839	0.014	17.431	-0.027	17.450	-0.030	17.476	-0.039	17.501	-0.048
11.879	0.008	11.901	0.005	11.928	0.008	11.981	0.011	17.545	-0.054	17.581	-0.060	17.630	-0.060	17.651	-0.045
12.008	0.020	12.044	0.017	12.082	0.014	12.123	0.005	17.677	-0.045	17.712	-0.036	17.727	-0.024	17.763	-0.016
12.148	0.005	12.167	-0.007	12.205	-0.016	12.245	-0.018	17.778	-0.007	17.799	0.002	17.818	0.011	17.837	0.020
12.277	-0.016	12.298	-0.016	12.334	-0.016	12.374	-0.022	17.856	0.037	17.879	0.043	17.890	0.052	17.907	0.076
12.400	-0.016	12.429	-0.013	12.469	-0.001	12.503	-0.001	17.928	0.087	17.945	0.082	17.968	0.082	17.989	0.079
12.535	-0.011	12.560	0.008	12.605	0.005	12.624	0.005	18.019	0.073	18.040	0.061	18.072	0.043	18.089	0.037
12.658	0.004	12.717	0.008	12.744	-0.007	12.774	-0.010	18.110	0.026	18.135	0.014	18.150	0.008	18.175	0.005
12.805	-0.013	12.829	-0.007	12.865	0.002	12.901	-0.004	18.194	-0.004	18.214	-0.022	18.247	-0.030	18.266	-0.045
12.930	-0.004	12.964	-0.007	12.992	0.005	13.017	0.017	18.283	-0.057	18.307	-0.063	18.342	-0.066	18.378	-0.066
13.051	0.014	13.072	0.017	13.110	0.014	13.131	0.014	18.385	-0.066	18.404	-0.066	18.431	-0.054	18.442	-0.051
13.159	0.005	13.188	0.002	13.214	0.002	13.233	-0.001	18.463	-0.033	18.484	-0.019	18.505	-0.001	18.531	0.014
13.264	0.002	13.288	0.008	13.307	0.017	13.334	0.026	18.548	0.026	18.556	0.034	18.588	0.034	18.596	0.046
13.353	0.029	13.370	0.043	13.395	0.055	13.423	0.052	18.609	0.052	18.626	0.061	18.643	0.070	18.658	0.082
13.448	0.037	13.474	0.034	13.493	0.026	13.514	0.020	18.681	0.093	18.687	0.096	18.710	0.105	18.723	0.105
13.539	0.011	13.569	0.008	13.598	0.005	13.628	-0.004	18.742	0.102	18.763	0.099	18.778	0.096	18.793	0.084

18.816	0.052	18.835	0.025	18.854	0.002	18.873	-0.022	24.072	-0.083	24.095	-0.080	24.112	-0.071	24.154	-0.051
18.911	-0.042	18.930	-0.054	18.962	-0.063	18.996	-0.069	24.167	-0.051	24.182	-0.051	24.205	-0.051	24.216	-0.042
19.032	-0.072	19.076	-0.075	19.104	-0.066	19.129	-0.048	24.239	-0.030	24.260	-0.033	24.285	-0.039	24.315	-0.042
19.167	-0.031	19.201	-0.013	19.224	0.010	19.241	0.007	24.330	-0.042	24.357	-0.054	24.381	-0.060	24.408	-0.054
19.264	0.013	19.279	0.025	19.321	0.031	19.336	0.046	24.429	-0.036	24.467	-0.027	24.484	-0.019	24.503	-0.016
19.355	0.048	19.385	0.066	19.421	0.084	19.442	0.081	24.535	-0.016	24.556	-0.013	24.579	-0.010	24.611	-0.007
19.455	0.066	19.484	0.057	19.503	0.042	19.548	0.027	24.619	0.005	24.666	0.008	24.685	0.022	24.706	0.016
19.556	0.019	19.592	0.007	19.632	-0.002	19.666	-0.008	24.719	0.010	24.731	-0.016	24.763	-0.022	24.801	-0.031
19.693	-0.011	19.731	-0.017	19.765	-0.026	19.791	-0.035	24.805	-0.025	24.831	-0.014	24.863	-0.011	24.877	-0.011
19.831	-0.050	19.871	-0.061	19.901	-0.073	19.922	-0.076	24.882	-0.011	24.896	-0.008	24.932	0.000	24.960	0.000
19.949	-0.070	19.979	-0.050	20.004	-0.035	20.027	-0.015	24.987	-0.003	24.994	-0.018	25.023	-0.035	25.032	-0.050
20.036	-0.003	20.047	0.021	20.057	0.041	20.089	0.047	25.042	-0.068	25.063	-0.080	25.085	-0.077	25.097	-0.074
20.131	0.044	20.148	0.047	20.180	0.050	20.197	0.035	25.120	-0.068	25.129	-0.048	25.152	-0.021	25.171	-0.001
20.220	0.018	20.241	0.006	20.268	-0.006	20.290	-0.012	25.182	0.017	25.207	0.026	25.224	0.031	25.247	0.028
20.311	-0.006	20.330	0.003	20.357	0.009	20.385	0.014	25.273	0.025	25.296	0.031	25.330	0.034	25.338	0.025
20.419	0.023	20.429	0.020	20.461	0.020	20.505	-0.006	25.368	0.010	25.397	0.001	25.425	0.001	25.450	0.007
20.535	-0.033	20.556	-0.054	20.596	-0.062	20.628	-0.045	25.480	0.001	25.505	0.001	25.518	0.001	25.535	0.004
20.653	-0.030	20.658	-0.004	20.691	0.017	20.717	0.014	25.562	0.001	25.586	0.004	25.615	-0.002	25.638	-0.011
20.729	0.014	20.755	0.011	20.780	0.011	20.808	0.005	25.658	-0.020	25.683	-0.029	25.704	-0.029	25.721	-0.026
20.833	-0.010	20.856	-0.030	20.867	-0.036	20.899	-0.042	25.742	-0.012	25.753	0.006	25.763	0.009	25.782	0.021
20.909	-0.039	20.937	-0.025	20.960	0.002	20.975	0.002	25.805	0.018	25.825	0.020	25.856	-0.014	25.871	-0.000
20.987	0.008	21.008	0.017	21.023	0.022	21.053	0.016	25.884	-0.012	25.901	-0.018	25.913	-0.024	25.932	-0.027
21.089	0.005	21.110	-0.007	21.127	-0.013	21.146	-0.034	25.936	-0.039	25.977	-0.057	26.013	-0.060	26.019	-0.060
21.184	-0.048	21.203	-0.051	21.233	-0.057	21.258	-0.060	26.040	-0.054	26.120	-0.004	26.061	-0.039	26.082	-0.027
21.264	-0.072	21.283	-0.052	21.309	-0.046	21.330	-0.037	26.104	-0.013	26.120	0.017	26.148	-0.004	26.178	-0.004
21.347	-0.025	21.362	-0.010	21.372	0.004	21.385	0.022	26.203	0.005	26.226	0.017	26.247	0.031	26.277	0.031
21.400	0.040	21.416	0.043	21.436	0.042	21.459	0.028	26.290	0.049	26.319	0.035	26.340	0.052	26.364	0.055
21.478	0.019	21.499	0.007	21.520	-0.005	21.539	-0.005	26.400	0.049	26.412	0.037	26.440	0.017	26.463	0.005
21.558	-0.005	21.575	0.007	21.594	0.007	21.600	0.004	26.486	-0.016	26.490	-0.030	26.514	-0.060	26.535	-0.083
21.617	0.004	21.638	0.004	21.653	0.004	21.670	0.001	26.556	-0.086	26.581	-0.086	26.607	-0.089	26.624	-0.060
21.687	0.001	21.702	0.001	21.719	0.019	21.731	0.013	26.641	-0.030	26.664	-0.007	26.674	0.011	26.687	0.017
21.759	0.010	21.772	0.019	21.789	0.016	21.805	0.028	26.719	0.026	26.734	0.043	26.759	0.049	26.774	0.058
21.825	0.033	21.854	0.030	21.873	0.016	21.905	0.013	26.784	0.046	26.805	0.040	26.814	0.040	26.827	0.040
21.918	0.013	21.937	0.025	21.956	0.016	21.985	0.010	26.846	0.037	26.865	0.029	26.879	0.026	26.888	0.017
22.019	0.001	22.042	-0.002	22.074	-0.020	22.101	-0.020	26.907	0.011	26.922	0.017	26.956	0.023	26.964	0.032
22.127	-0.020	22.152	-0.020	22.180	-0.011	22.201	0.007	26.985	0.029	27.004	0.020	27.030	-0.001	27.036	-0.024
22.228	0.027	22.256	0.039	22.288	0.036	22.317	0.042	27.057	-0.032	27.082	-0.048	27.110	-0.048	27.135	-0.048
22.336	0.045	22.362	0.057	22.383	0.063	22.412	0.071	27.156	-0.054	27.169	-0.068	27.209	-0.071	27.230	-0.071
22.433	0.074	22.465	0.074	22.490	0.065	22.510	0.048	27.243	-0.048	27.262	-0.030	27.281	-0.021	27.294	-0.009
22.537	0.045	22.571	0.048	22.594	0.045	22.617	0.030	27.328	-0.009	27.342	-0.021	27.368	-0.027	27.400	-0.033
22.649	0.004	22.677	-0.011	22.706	-0.020	22.738	-0.026	27.427	-0.033	27.442	-0.027	27.471	-0.018	27.497	-0.018
22.759	-0.023	22.786	-0.011	22.810	0.007	22.839	0.022	27.512	-0.026	27.533	-0.026	27.545	-0.017	27.556	-0.003
22.854	0.039	22.871	0.054	22.894	0.066	22.913	0.080	27.573	0.009	27.596	0.018	27.634	-0.002	27.658	-0.008
22.947	0.069	22.975	0.039	22.998	0.016	23.021	-0.008	27.685	-0.011	27.708	-0.005	27.725	0.001	27.740	0.022
23.047	-0.025	23.072	-0.025	23.097	-0.016	23.118	-0.011	27.765	0.036	27.791	0.048	27.801	0.057	27.812	0.054
23.142	0.010	23.178	0.019	23.201	0.054	23.211	0.075	27.837	0.054	27.854	0.060	27.882	0.058	27.894	0.064
23.226	0.096	23.247	0.099	23.277	0.099	23.317	0.087	27.920	0.058	27.937	0.058	27.943	0.061	27.962	0.035
23.330	0.063	23.345	0.019	23.364	-0.007	23.395	-0.025	27.983	0.049	28.002	0.040	28.030	0.043	28.049	0.044
23.429	-0.025	23.455	-0.039	23.471	-0.054	23.490	-0.060	28.061	0.041	28.078	0.035	28.099	0.035	28.118	0.023
23.522	-0.066	23.558	-0.075	23.583	-0.098	23.607	-0.101	28.133	0.012	28.150	0.018	28.173	0.018	28.188	0.018
23.630	-0.110	23.649	-0.119	23.670	-0.124	23.691	-0.124	28.199	0.009	28.228	0.009	28.230	0.009	28.241	0.015
23.712	-0.112	23.727	-0.112	23.748	-0.086	23.761	-0.080	28.260	0.021	28.273	0.033	28.296	0.030	28.302	0.039
23.770	-0.062	23.786	-0.048	23.797	-0.030	23.816	-0.012	28.326	0.036	28.353	0.042	28.372	0.057	28.385	0.048
23.825	-0.000	23.835	0.023	23.863	0.017	23.884	0.017	28.404	0.051	28.421	0.048	28.433	0.049	28.442	0.049
23.905	0.017	23.937	0.008	23.953	-0.006	23.975	-0.015	28.459	0.049	28.469	0.049	28.493	0.034	28.501	0.022
23.996	-0.030	24.019	-0.051	24.036	-0.071	24.053	-0.074	28.520	0.014	28.535	-0.001	28.554	-0.004	28.569	-0.015

28.594	-0.033	28.611	-0.024	28.622	-0.027	28.636	-0.027	33.042	-0.002	33.095	-0.017	33.106	-0.031	33.123	-0.049
28.653	-0.021	28.668	-0.009	28.679	-0.009	28.710	-0.009	33.163	-0.058	33.186	-0.073	33.190	-0.087	33.222	-0.096
28.719	-0.018	28.744	-0.020	28.759	-0.029	28.784	-0.032	33.271	-0.087	33.298	-0.087	33.300	-0.078	33.315	-0.063
28.797	-0.032	28.818	-0.038	28.841	-0.046	28.871	-0.058	33.336	-0.043	33.364	-0.013	33.391	-0.007	33.408	0.016
28.882	-0.058	28.890	-0.045	28.918	-0.038	28.939	-0.032	33.432	-0.013	33.442	-0.010	33.467	-0.010	33.486	0.007
28.949	-0.020	28.951	-0.014	28.966	-0.001	28.981	0.007	33.503	0.007	33.524	0.007	33.543	0.013	33.567	0.016
29.002	-0.001	29.023	-0.017	29.044	-0.020	29.057	-0.029	33.605	0.028	33.619	0.034	33.643	0.045	33.687	0.046
29.072	-0.032	29.095	-0.026	29.123	-0.023	29.146	-0.023	33.706	0.037	33.719	0.037	33.736	0.025	33.761	0.016
29.156	-0.026	29.192	-0.026	29.216	-0.001	29.224	0.024	33.778	0.013	33.799	0.008	33.825	0.008	33.854	0.008
29.239	0.033	29.249	0.059	29.262	0.068	29.283	0.077	33.869	0.028	33.888	0.031	33.909	0.031	33.939	0.031
29.300	0.089	29.321	0.074	29.342	0.071	29.351	0.059	33.949	0.028	33.970	0.017	33.992	0.017	34.006	0.014
29.364	0.051	29.370	0.024	29.412	0.012	29.433	0.003	34.032	0.014	34.066	0.011	34.082	0.005	34.099	-0.001
29.448	-0.012	29.480	-0.021	29.503	-0.033	29.522	-0.021	34.127	-0.001	34.135	-0.001	34.150	-0.004	34.161	-0.004
29.567	-0.015	29.573	-0.001	29.609	0.020	29.630	0.017	34.173	0.002	34.205	0.002	34.224	0.002	34.245	-0.004
29.649	0.023	29.677	0.022	29.702	0.025	29.731	0.022	34.273	-0.013	34.292	-0.016	34.304	-0.022	34.326	-0.022
29.748	0.022	29.770	0.019	29.789	0.007	29.805	-0.008	34.364	-0.022	34.376	-0.010	34.410	-0.001	34.442	0.008
29.831	-0.020	29.833	-0.043	29.850	-0.058	29.865	-0.073	34.459	0.017	34.467	0.026	34.486	0.034	34.503	0.043
29.896	-0.079	29.920	-0.076	29.937	-0.061	29.966	-0.061	34.510	0.049	34.531	0.058	34.543	0.052	34.573	0.043
30.085	-0.003	30.091	0.006	30.118	0.023	30.144	0.041	34.592	0.040	34.628	0.034	34.643	0.031	34.674	0.020
30.159	0.047	30.175	0.050	30.205	0.050	30.222	0.032	34.712	0.014	34.738	0.011	34.755	0.002	34.793	-0.007
30.237	0.017	30.254	-0.001	30.281	-0.016	30.300	-0.027	34.829	-0.007	34.846	-0.010	34.869	-0.019	34.882	-0.019
30.321	-0.027	30.347	-0.022	30.362	-0.013	30.387	-0.004	34.901	-0.016	34.913	-0.013	34.941	-0.010	34.949	0.002
30.402	0.011	30.423	0.007	30.463	0.013	30.488	0.019	34.973	0.005	34.992	0.008	35.008	0.005	35.040	-0.019
30.514	0.022	30.524	0.007	30.541	-0.002	30.550	-0.022	35.059	-0.019	35.082	-0.019	35.097	-0.024	35.127	-0.024
30.573	-0.034	30.590	-0.040	30.605	-0.052	30.615	-0.049	35.148	-0.024	35.175	-0.027	35.199	-0.024	35.220	-0.024
30.643	-0.031	30.647	-0.034	30.670	-0.026	30.679	-0.017	35.249	-0.013	35.268	-0.013	35.277	-0.013	35.296	-0.010
30.689	-0.002	30.704	0.013	30.717	0.016	30.725	0.027	35.315	0.002	35.334	0.043	35.408	-0.001	35.359	0.017
30.734	0.045	30.761	0.048	30.778	0.051	30.810	0.054	35.378	0.037	35.391	0.043	35.433	0.049	35.433	0.052
30.818	0.048	30.833	0.027	30.850	0.015	30.865	0.003	35.444	0.046	35.463	0.049	35.493	0.043	35.497	0.034
30.882	-0.005	30.911	-0.008	30.924	-0.009	30.953	-0.017	35.520	0.020	35.545	0.014	35.573	0.014	35.605	0.005
30.968	-0.003	30.989	-0.009	31.008	-0.009	31.023	-0.012	35.615	-0.007	35.638	-0.022	35.658	-0.022	35.698	-0.027
31.042	-0.012	31.063	-0.012	31.082	-0.012	31.099	-0.009	35.723	-0.030	35.742	-0.030	35.755	-0.024	35.774	-0.024
31.123	-0.006	31.150	-0.003	31.169	-0.003	31.199	-0.003	35.791	-0.024	35.816	-0.024	35.829	-0.013	35.860	-0.010
31.209	0.003	31.222	0.012	31.241	0.020	31.264	0.041	35.863	-0.013	35.886	0.004	35.901	0.002	35.934	0.008
31.281	0.041	31.304	0.041	31.328	0.023	31.349	0.020	36.027	0.038	36.040	0.029	36.059	0.029	36.004	0.038
31.368	0.017	31.406	0.017	31.446	0.020	31.469	0.023	36.097	0.014	36.114	0.008	36.133	0.008	36.078	0.014
31.478	0.020	31.505	0.020	31.529	0.008	31.545	0.005	36.178	-0.000	36.192	-0.000	36.216	-0.000	36.233	-0.003
31.573	-0.001	31.600	-0.007	31.636	-0.007	31.660	-0.001	36.247	-0.003	36.273	-0.009	36.300	-0.012	36.328	-0.015
31.691	-0.013	31.702	-0.016	31.731	-0.016	31.734	-0.019	36.347	-0.018	36.366	-0.018	36.387	-0.024	36.416	-0.027
31.772	-0.030	31.793	-0.042	31.827	-0.042	31.848	-0.054	36.450	-0.032	36.467	-0.041	36.484	-0.047	36.505	-0.047
31.852	-0.063	31.905	-0.063	31.951	-0.068	31.962	-0.077	36.529	-0.044	36.543	-0.038	36.573	-0.032	36.598	-0.026
31.996	-0.065	32.011	-0.065	32.036	-0.062	32.063	-0.045	36.628	-0.026	36.658	-0.026	36.696	-0.023	36.712	-0.023
32.087	-0.036	32.095	-0.006	32.116	-0.001	32.142	0.005	36.727	-0.020	36.774	-0.017	36.799	-0.011	36.833	-0.005
32.180	0.011	32.199	0.005	32.214	0.017	32.226	0.005	36.869	-0.002	36.888	-0.002	36.901	0.001	36.939	0.001
32.260	-0.012	32.277	-0.015	32.285	-0.024	32.302	-0.036	36.962	0.004	37.004	-0.001	37.034	-0.004	37.053	-0.004
32.323	-0.042	32.342	-0.050	32.359	-0.059	32.374	-0.077	37.076	-0.004	37.097	-0.004	37.129	-0.004	37.133	-0.004
32.393	-0.086	32.414	-0.100	32.436	-0.100	32.452	-0.091	37.152	-0.003	37.180	-0.003	37.214	-0.009	37.237	-0.003
32.467	-0.086	32.476	-0.086	32.484	-0.071	32.505	-0.068	37.268	-0.006	37.292	-0.003	37.317	0.006	37.353	0.009
32.529	-0.044	32.533	-0.035	32.545	-0.021	32.562	-0.012	37.372	0.018	37.408	0.024	37.433	0.037	37.433	0.042
32.581	-0.003	32.588	0.006	32.598	0.018	32.615	0.021	37.469	0.042	37.484	0.036	37.495	0.037	37.516	0.031
32.630	0.035	32.658	0.041	32.666	0.047	32.681	0.047	37.541	0.025	37.562	0.019	37.596	0.017	37.624	0.008
32.721	0.044	32.746	0.042	32.767	0.030	32.786	0.027	37.649	-0.007	37.664	-0.001	37.685	0.000	37.702	0.006
32.812	0.015	32.818	0.015	32.833	0.012	32.860	0.012	37.727	0.009	37.755	0.009	37.776	0.000	37.801	-0.008
32.873	0.015	32.905	0.021	32.922	0.030	32.937	0.015	37.829	-0.020	37.865	-0.031	37.901	-0.031	37.932	-0.031
32.960	0.015	32.983	0.012	33.011	0.007	33.032	-0.002	37.960	-0.031	38.002	-0.019	38.023	-0.016	38.051	-0.006

38.076	-0.009	38.125	-0.009	38.167	-0.012	38.190	-0.011	44.660	-0.006	44.691	-0.012	44.719	-0.003	44.742	-0.003
38.226	-0.023	38.230	-0.014	38.245	-0.023	38.277	-0.026	44.772	0.004	44.805	0.015	44.839	0.021	44.871	0.022
38.298	-0.026	38.317	-0.025	38.332	-0.022	38.366	-0.016	44.903	0.016	44.934	0.016	44.973	0.025	45.008	0.028
38.404	-0.012	38.421	-0.007	38.436	-0.007	38.463	-0.013	45.040	0.034	45.072	0.040	45.112	0.046	45.140	0.052
38.493	-0.023	38.514	-0.024	38.535	-0.030	38.550	-0.042	45.165	0.052	45.201	0.044	45.233	0.041	45.262	0.032
38.575	-0.030	38.603	-0.033	38.628	-0.033	38.645	-0.024	45.279	0.029	45.319	0.023	45.347	0.018	45.387	0.018
38.666	-0.024	38.685	-0.021	38.712	-0.015	38.723	-0.009	45.421	0.018	45.457	0.015	45.495	0.009	45.524	-0.005
38.738	0.006	38.780	-0.005	38.795	-0.005	38.810	0.003	45.562	-0.005	45.605	-0.017	45.651	-0.020	45.658	-0.020
38.837	0.001	38.848	0.001	38.879	0.001	38.928	0.001	45.731	-0.011	45.765	-0.017	45.791	-0.011	45.820	-0.011
38.941	-0.002	38.949	-0.005	38.975	-0.008	38.998	-0.002	45.858	-0.017	45.894	-0.017	45.930	-0.014	45.975	-0.013
39.032	0.010	39.049	0.022	39.057	0.037	39.082	0.055	46.011	-0.013	46.055	-0.010	46.095	-0.007	46.114	-0.004
39.106	0.067	39.133	0.081	39.142	0.075	39.176	0.055	46.150	-0.007	46.197	-0.010	46.241	-0.013	46.283	-0.016
39.207	0.046	39.249	0.029	39.294	0.020	39.326	0.009	46.321	-0.016	46.368	-0.019	46.412	-0.016	46.463	-0.013
39.359	-0.000	39.393	0.000	39.429	0.000	39.474	0.000	46.510	-0.007	46.554	-0.004	46.592	0.002	46.632	0.011
39.512	-0.008	39.550	-0.020	39.596	-0.032	39.638	-0.031	46.664	0.005	46.691	-0.004	46.729	-0.007	46.765	-0.010
39.668	-0.031	39.704	-0.034	39.744	-0.049	39.778	-0.054	46.812	-0.016	46.850	-0.019	46.899	-0.019	46.943	-0.019
39.803	-0.069	39.831	-0.069	39.858	-0.066	39.892	-0.066	46.987	-0.019	47.034	-0.016	47.068	-0.010	47.110	-0.007
39.909	-0.048	39.951	-0.051	39.968	-0.042	40.000	-0.039	47.156	0.007	47.186	0.016	47.222	0.022	47.264	0.034
40.017	-0.028	40.055	-0.022	40.082	-0.028	40.099	-0.033	47.309	0.042	47.342	0.048	47.383	0.048	47.427	0.034
40.148	-0.039	40.180	-0.045	40.207	-0.048	40.230	-0.048	47.469	0.022	47.512	0.007	47.541	-0.010	47.583	-0.016
40.271	-0.042	40.294	-0.045	40.323	-0.042	40.355	-0.042	47.628	-0.016	47.668	-0.019	47.710	-0.022	47.746	-0.025
40.366	-0.048	40.387	-0.048	40.421	-0.048	40.442	-0.040	47.797	-0.031	47.846	-0.031	47.879	-0.025	47.907	-0.019
40.478	-0.037	40.490	-0.022	40.518	-0.004	40.554	0.007	47.934	-0.013	47.975	-0.016	48.008	-0.016	48.040	-0.024
40.569	0.025	40.590	0.031	40.609	0.043	40.624	0.054	48.066	-0.027	48.104	-0.033	48.146	-0.030	48.192	-0.021
40.645	0.060	40.662	0.057	40.687	0.054	40.704	0.051	48.235	-0.015	48.271	-0.012	48.319	-0.009	48.368	-0.006
40.721	0.045	40.742	0.039	40.761	0.030	40.789	0.030	48.410	0.003	48.444	0.009	48.490	0.015	48.522	0.018
40.820	0.027	40.848	0.019	40.873	0.004	40.896	0.007	48.560	0.024	48.598	0.021	48.626	0.021	48.643	0.024
40.932	0.013	40.968	0.018	41.006	0.027	41.038	0.030	48.681	0.028	48.717	0.028	48.755	0.028	48.797	0.016
41.063	0.027	41.091	0.027	41.123	0.024	41.156	0.027	48.831	0.001	48.884	-0.016	48.928	-0.031	48.964	-0.025
41.159	0.024	41.199	0.018	41.228	0.007	41.258	0.004	49.002	-0.025	49.047	-0.010	49.085	-0.004	49.120	0.011
41.279	0.007	41.304	0.007	41.334	0.015	41.362	0.021	49.165	0.023	49.222	0.032	49.266	0.041	49.309	0.047
41.389	0.024	41.423	0.033	41.461	0.033	41.499	0.036	49.359	0.053	49.412	0.053	49.452	0.059	49.490	0.068
41.529	0.036	41.564	0.039	41.596	0.039	41.626	0.036	49.539	0.062	49.588	0.068	49.638	0.066	49.689	0.042
41.653	0.025	41.681	0.019	41.708	0.019	41.740	0.019	49.736	0.025	49.784	0.013	49.835	-0.001	49.888	-0.013
41.774	0.013	41.803	0.013	41.837	0.016	41.879	0.013	49.939	-0.024	49.992	-0.039	50.030	-0.044	50.085	-0.056
41.909	0.004	41.934	-0.005	41.973	-0.011	42.008	-0.011	50.120	-0.056	50.163	-0.050	50.201	-0.029	50.243	-0.011
42.049	-0.005	42.089	-0.001	42.127	-0.005	42.156	-0.016	50.298	0.013	50.345	0.034	50.395	0.034	50.436	0.037
42.173	-0.016	42.205	-0.013	42.237	-0.016	42.271	-0.016	50.478	0.034	50.522	0.029	50.562	0.032	50.619	0.020
42.296	-0.016	42.334	-0.016	42.374	-0.016	42.412	-0.016	50.658	0.011	50.696	-0.000	50.725	-0.003	50.757	-0.009
42.461	-0.016	42.495	-0.016	42.537	-0.019	42.573	-0.022	50.786	-0.012	50.814	-0.017	50.848	-0.017	50.888	-0.020
42.603	-0.028	42.638	-0.033	42.668	-0.039	42.702	-0.042	50.920	-0.017	50.949	-0.017	50.979	-0.020	51.017	-0.011
42.729	-0.045	42.748	-0.045	42.776	-0.045	42.808	-0.045	51.042	-0.002	51.074	0.004	51.114	0.016	51.156	0.025
42.839	-0.045	42.875	-0.042	42.911	-0.027	42.941	-0.018	51.188	0.037	51.214	0.037	51.249	0.037	51.279	0.037
42.970	-0.012	43.004	-0.006	43.034	0.008	43.082	0.017	51.313	0.034	51.357	0.026	51.387	0.023	51.423	0.014
43.106	0.020	43.135	0.026	43.171	0.026	43.226	0.023	51.459	0.005	51.490	-0.000	51.516	-0.003	51.541	-0.009
43.271	0.026	43.311	0.015	43.351	0.018	43.393	0.015	51.577	-0.024	51.611	-0.029	51.651	-0.038	51.681	-0.032
43.427	0.018	43.455	0.018	43.499	0.012	43.533	0.004	51.721	-0.035	51.746	-0.029	51.778	-0.029	51.812	-0.023
43.571	0.004	43.609	-0.005	43.641	-0.014	43.660	-0.017	51.844	-0.014	51.882	-0.002	51.922	0.010	51.947	0.016
43.693	-0.025	43.727	-0.037	43.761	-0.043	43.789	-0.043	51.975	0.022	52.000	0.020	52.034	0.023	52.066	0.023
43.818	-0.042	43.854	-0.036	43.882	-0.033	43.920	-0.027	52.108	0.009	52.142	0.006	52.169	0.006	52.203	0.003
43.956	-0.021	43.983	-0.012	44.023	-0.015	44.057	-0.006	52.235	0.006	52.268	0.013	52.294	0.010	52.328	0.004
44.076	-0.000	44.125	0.027	44.163	0.038	44.207	0.051	52.370	-0.002	52.404	-0.004	52.438	-0.023	52.467	-0.027
44.239	0.060	44.279	0.060	44.304	0.075	44.338	0.069	52.505	-0.027	52.533	-0.030	52.558	-0.033	52.592	-0.032
44.345	0.072	44.364	0.063	44.395	0.060	44.421	0.055	52.622	-0.032	52.651	-0.029	52.685	-0.023	52.721	-0.011
44.446	0.058	44.465	0.037	44.490	0.031	44.518	0.023	52.753	-0.014	52.795	-0.010	52.829	-0.004	52.852	-0.001
44.548	0.008	44.575	0.005	44.600	-0.015	44.630	-0.012	52.879	0.005	52.899	0.008	52.926	0.008	52.958	0.009

52.992	0.006	53.025	0.003	53.057	-0.002	53.089	-0.005	62.197	0.007	62.249	0.010	62.302	0.005	62.351	-0.000
53.118	-0.002	53.150	-0.002	53.194	0.001	53.252	0.016	62.423	0.000	62.448	0.003	62.495	-0.002	62.535	0.001
53.300	0.020	53.355	0.017	53.404	0.017	53.465	0.029	62.586	-0.002	62.638	-0.010	62.698	-0.010	62.755	-0.012
53.516	0.029	53.577	0.029	53.638	0.027	53.702	0.012	62.818	-0.017	62.869	-0.020	62.926	-0.020	62.985	-0.016
53.751	-0.001	53.810	0.001	53.854	0.007	53.913	0.007	63.036	-0.016	63.101	-0.009	63.152	-0.006	63.207	-0.006
53.953	0.010	54.008	0.007	54.063	0.007	54.108	0.007	63.262	-0.008	63.332	-0.016	63.391	-0.010	63.457	-0.001
54.169	0.010	54.190	-0.005	54.222	-0.005	54.254	0.001	63.516	-0.003	63.586	-0.009	63.636	-0.008	63.677	-0.011
54.285	0.001	54.321	0.007	54.364	0.013	54.416	0.016	63.727	-0.016	63.780	-0.007	63.833	-0.001	63.886	-0.007
54.621	0.013	54.693	0.013	54.710	-0.000	54.759	-0.009	63.930	-0.000	64.000	0.006	64.049	0.006	64.104	0.013
54.826	0.014	54.868	0.008	54.901	-0.014	54.941	-0.008	64.161	0.016	64.214	0.022	64.268	0.026	64.326	0.040
54.816	-0.017	54.863	-0.017	54.901	-0.014	54.941	-0.008	64.328	0.044	64.366	0.044	64.406	0.044	64.442	0.046
54.985	-0.005	55.027	0.001	55.068	0.004	55.106	0.008	64.490	0.045	64.529	0.045	64.562	0.045	64.607	0.046
55.144	0.011	55.182	0.005	55.224	0.002	55.279	0.003	64.651	0.046	64.687	0.043	64.734	0.032	64.770	0.026
55.313	-0.003	55.349	-0.006	55.391	-0.008	55.429	-0.008	64.839	0.009	64.877	0.000	64.913	-0.011	64.956	-0.020
55.459	-0.005	55.493	-0.002	55.535	-0.011	55.575	0.005	65.008	-0.028	65.078	-0.039	65.127	-0.051	65.201	-0.047
55.611	0.005	55.647	0.008	55.687	0.011	55.736	0.017	65.224	-0.034	65.268	-0.044	65.309	-0.041	65.342	-0.038
55.767	0.021	55.805	0.021	55.839	0.024	55.890	0.021	65.370	-0.034	65.397	-0.037	65.433	-0.031	65.482	-0.028
55.932	0.025	55.977	0.019	56.017	0.013	56.059	0.005	65.526	-0.027	65.556	-0.030	65.605	-0.029	65.649	-0.026
56.091	0.005	56.137	-0.004	56.190	-0.010	56.235	-0.010	65.696	-0.026	65.742	-0.016	65.782	-0.016	65.820	-0.004
56.281	-0.009	56.332	-0.015	56.378	-0.015	56.423	-0.015	65.854	-0.001	65.903	0.003	65.943	0.012	65.998	0.012
56.476	0.006	56.488	-0.009	56.516	-0.003	56.564	0.001	66.036	0.016	66.072	0.010	66.095	0.016	66.129	0.013
56.611	0.004	56.660	0.007	56.693	0.004	56.727	0.010	66.159	0.020	66.182	0.017	66.216	0.020	66.260	0.017
56.776	0.016	56.810	0.016	56.837	0.019	56.875	0.022	66.290	0.021	66.323	0.021	66.359	0.024	66.387	0.021
56.913	0.028	56.941	0.029	56.973	0.032	57.013	0.038	66.427	0.031	66.459	0.031	66.499	0.031	66.541	0.032
57.040	0.035	57.078	0.029	57.110	0.035	57.150	0.026	66.583	0.026	66.615	0.026	66.655	0.021	66.693	0.015
57.194	0.018	57.241	0.012	57.292	0.012	57.336	0.007	66.721	0.015	66.751	0.010	66.776	0.010	66.812	0.007
57.387	0.001	57.429	-0.002	57.471	-0.005	57.512	-0.007	66.839	0.005	66.884	0.002	66.928	0.002	66.958	-0.003
57.565	-0.013	57.586	-0.022	57.628	-0.025	57.664	-0.036	66.994	-0.003	67.027	-0.003	67.068	0.000	67.104	0.001
57.702	-0.036	57.734	-0.039	57.774	-0.042	57.805	-0.042	67.131	0.001	67.171	0.001	67.207	-0.002	67.254	-0.002
57.831	-0.039	57.860	-0.036	57.894	-0.035	57.922	-0.029	67.285	0.001	67.321	0.002	67.355	0.008	67.400	0.014
57.960	-0.015	58.004	0.003	58.040	0.015	58.082	0.018	67.440	0.017	67.474	0.023	67.507	0.026	67.554	0.026
58.116	0.018	58.148	0.019	58.178	0.019	58.224	0.016	67.611	0.027	67.664	0.021	67.704	0.018	67.740	0.018
58.254	0.016	58.283	0.016	58.309	0.019	58.351	0.022	67.797	0.010	67.841	0.004	67.877	0.004	67.920	-0.004
58.393	0.029	58.431	0.026	58.469	0.032	58.514	0.029	67.964	-0.016	67.998	-0.024	68.034	-0.027	68.053	-0.030
58.571	0.035	58.613	0.036	58.645	0.030	58.672	0.030	68.097	-0.036	68.133	-0.036	68.180	-0.035	68.226	-0.026
58.706	0.027	58.744	0.021	58.776	0.016	58.805	0.013	68.271	-0.019	68.302	-0.020	68.330	-0.017	68.376	-0.023
58.850	-0.004	58.888	-0.013	58.918	-0.031	58.945	-0.033	68.406	-0.019	68.457	-0.016	68.497	-0.013	68.550	-0.010
58.985	-0.042	59.023	-0.048	59.072	-0.053	59.129	-0.071	68.600	-0.007	68.670	-0.006	68.721	-0.009	68.755	-0.015
59.173	-0.065	59.220	-0.065	59.266	-0.059	59.304	-0.050	68.797	-0.015	68.841	-0.011	68.905	-0.017	68.953	-0.017
59.345	-0.047	59.376	-0.041	59.410	-0.038	59.448	-0.032	69.008	-0.017	69.063	-0.014	69.106	-0.013	69.148	-0.007
59.482	-0.029	59.514	-0.020	59.545	-0.014	59.575	-0.011	69.205	-0.004	69.235	-0.001	69.271	0.002	69.307	0.005
59.611	0.001	59.647	0.007	59.687	0.013	59.719	0.022	69.338	0.005	69.387	0.005	69.446	0.006	69.488	0.006
59.748	0.025	59.774	0.037	59.799	0.043	59.829	0.046	69.531	0.000	69.564	-0.003	69.598	-0.003	69.636	-0.005
59.860	0.055	59.896	0.052	59.924	0.052	59.960	0.055	69.677	-0.008	69.715	-0.008	69.755	-0.008	69.791	-0.013
59.998	0.064	60.040	0.061	60.087	0.064	60.114	0.058	69.833	-0.016	69.890	-0.010	69.909	-0.015	69.943	-0.015
60.144	0.055	60.175	0.047	60.214	0.041	60.260	0.029	69.985	-0.012	70.021	0.000	70.061	0.000	70.101	0.009
60.304	0.017	60.347	0.006	60.393	-0.000	60.446	-0.003	70.137	0.013	70.173	0.019	70.201	0.016	70.237	0.019
60.493	-0.009	60.535	-0.006	60.586	-0.008	60.632	-0.011	70.279	0.022	70.328	0.023	70.366	0.020	70.416	0.020
60.668	-0.019	60.715	-0.017	60.759	-0.014	60.810	-0.017	70.440	0.018	70.476	0.012	70.503	0.013	70.537	0.013
60.863	-0.019	60.939	-0.013	61.006	-0.016	61.023	-0.045	70.571	0.013	70.598	0.014	70.638	0.017	70.681	0.020
61.066	-0.048	61.118	-0.038	61.165	-0.029	61.214	-0.020	70.715	0.024	70.753	0.027	70.791	0.027	70.820	0.031
61.249	-0.014	61.296	-0.008	61.342	-0.008	61.395	-0.005	70.850	0.031	70.877	0.028	70.907	0.028	70.934	0.026
61.448	-0.007	61.495	-0.004	61.550	-0.007	61.605	-0.006	70.989	0.026	70.992	0.026	71.006	0.024	71.051	0.024
61.653	-0.006	61.706	-0.008	61.759	-0.005	61.801	-0.008	71.089	0.016	71.140	0.016	71.188	0.005	71.228	-0.001
61.839	-0.004	61.884	-0.004	61.926	-0.001	61.977	-0.006	71.268	-0.006	71.315	-0.003	71.355	-0.008	71.402	-0.008
62.021	-0.006	62.063	-0.003	62.112	0.004	62.150	0.004	71.452	-0.008	71.493	-0.010	71.529	-0.013	71.577	-0.018

71.622	-0.018	71.662	-0.018	71.687	-0.014	71.719	-0.014	78.395	0.038	78.442	0.032	78.478	0.018	78.520	0.031
71.748	-0.014	71.778	-0.011	71.814	-0.007	71.837	-0.004	78.552	0.022	78.598	0.029	78.647	0.020	78.681	0.006
71.863	-0.001	71.899	-0.004	71.934	-0.000	71.968	-0.003	78.736	0.001	78.772	-0.005	78.816	-0.001	78.856	-0.004
72.006	-0.003	72.047	-0.005	72.091	-0.011	72.127	-0.013	78.882	0.003	78.947	0.012	78.970	0.009	79.038	0.001
72.161	-0.016	72.201	-0.019	72.239	-0.021	72.268	-0.024	79.080	-0.007	79.135	-0.009	79.186	-0.009	79.207	-0.008
72.298	-0.027	72.338	-0.029	72.370	-0.032	72.408	-0.029	79.218	-0.008	79.262	-0.011	79.304	-0.001	79.336	-0.001
72.448	-0.025	72.488	-0.025	72.524	-0.028	72.560	-0.027	79.391	-0.003	79.423	-0.006	79.474	0.001	79.503	-0.005
72.592	-0.027	72.628	-0.027	72.674	-0.026	72.708	-0.026	79.529	0.004	79.577	-0.010	79.630	-0.015	79.679	-0.017
72.734	-0.023	72.763	-0.023	72.795	-0.017	72.831	-0.016	79.740	-0.014	79.795	-0.010	79.873	-0.003	79.918	0.003
72.865	-0.019	72.899	-0.019	72.932	-0.016	72.960	-0.021	79.985	0.010	80.047	0.016	80.106	0.023	80.144	0.017
73.000	-0.021	73.040	-0.024	73.057	-0.021	73.101	-0.023	80.203	0.012	80.277	0.013	80.347	0.002	80.389	-0.007
73.120	-0.020	73.148	-0.017	73.182	-0.017	73.207	-0.014	80.444	-0.009	80.484	-0.012	80.552	-0.020	80.615	-0.020
73.235	-0.013	73.268	-0.013	73.296	-0.007	73.319	-0.010	80.666	-0.022	80.738	-0.024	80.782	-0.030	80.873	-0.026
73.351	-0.007	73.376	-0.006	73.414	-0.009	73.455	-0.006	80.922	-0.031	80.962	-0.031	81.032	-0.029	81.080	-0.022
73.486	-0.005	73.522	-0.002	73.548	-0.004	73.588	-0.002	81.148	-0.015	81.207	-0.009	81.271	-0.002	81.338	0.001
73.622	-0.001	73.630	-0.007	73.655	-0.007	73.672	-0.001	81.385	0.013	81.461	0.017	81.516	0.017	81.609	0.009
73.691	-0.007	73.710	0.008	73.717	0.008	73.734	-0.000	81.658	0.001	81.727	-0.002	81.778	-0.001	81.852	-0.006
73.753	0.012	73.774	0.006	73.791	0.006	73.808	0.006	81.918	-0.006	81.968	0.000	81.981	0.000	82.038	0.010
73.820	0.012	73.837	0.018	73.858	0.010	73.882	0.025	82.085	0.025	82.165	0.034	82.224	0.031	82.307	0.031
73.903	0.019	73.920	0.016	73.934	0.022	73.945	0.025								
73.975	0.017	73.979	0.017	73.989	0.026	74.011	0.026								
74.023	0.029	74.055	0.032	74.072	0.038	74.106	0.035								
74.129	0.027	74.150	0.030	74.156	0.030	74.175	0.030								
74.192	0.039	74.216	0.039	74.233	0.037	74.252	0.031								
74.281	0.034	74.302	0.034	74.326	0.023	74.336	0.020								
74.357	0.011	74.378	0.011	74.395	0.012	74.412	0.009								
74.429	0.006	74.452	0.018	74.480	0.004	74.514	0.007								
74.552	0.007	74.564	-0.002	74.603	0.008	74.647	0.023								
74.685	0.014	74.715	0.009	74.757	0.006	74.789	0.009								
74.805	0.003	74.818	0.004	74.835	0.007	74.873	0.007								
74.918	0.016	74.958	0.008	74.975	0.005	74.994	0.008								
75.021	0.020	75.074	0.017	75.099	0.012	75.118	0.009								
75.142	0.012	75.169	0.012	75.209	0.018	75.256	0.019								
75.290	0.019	75.315	0.010	75.349	0.005	75.393	0.005								
75.419	0.005	75.452	-0.000	75.474	-0.000	75.518	-0.003								
75.567	-0.006	75.594	-0.008	75.630	-0.011	75.655	-0.017								
75.704	-0.014	75.744	-0.014	75.780	-0.016	75.808	-0.019								
75.837	-0.019	75.858	-0.013	75.892	-0.016	75.928	-0.010								
75.973	-0.006	76.002	-0.009	76.040	-0.009	76.066	-0.006								
76.085	-0.009	76.110	-0.012	76.137	-0.011	76.190	-0.002								
76.228	-0.008	76.262	-0.014	76.277	-0.017	76.290	-0.011								
76.330	-0.010	76.381	-0.010	76.406	-0.016	76.421	-0.022								
76.459	-0.016	76.480	-0.015	76.514	-0.021	76.550	-0.015								
76.583	-0.021	76.607	-0.015	76.641	-0.018	76.662	-0.020								
76.700	-0.026	76.729	-0.029	76.755	-0.032	76.797	-0.037								
76.846	-0.037	76.888	-0.028	76.915	-0.016	76.939	-0.010								
76.968	-0.009	76.996	-0.015	77.032	-0.012	77.076	-0.014								
77.101	-0.011	77.133	-0.008	77.167	-0.011	77.184	-0.016								
77.228	-0.025	77.254	-0.019	77.300	-0.018	77.321	-0.021								
77.347	-0.021	77.378	-0.009	77.423	-0.003	77.452	-0.002								
77.499	-0.020	77.552	-0.019	77.600	-0.007	77.624	-0.001								
77.655	0.005	77.700	0.012	77.723	0.018	77.774	0.027								
77.808	0.025	77.858	0.019	77.877	0.026	77.920	0.026								
77.953	0.026	77.983	0.027	78.023	0.024	78.080	0.031								
78.131	0.040	78.182	0.053	78.235	0.059	78.264	0.057								
78.266	0.054	78.309	0.043	78.336	0.043	78.364	0.037								

IY371

68.103 4/8/68 1830 PST ORANGE COUNTY ENG BLDG, SANTA ANA UP

3057 POINTS 82.209 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCLN.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADORRECTION, IS 0.0164 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.027	0.015	-0.009	0.032	0.015	0.044	0.027	3.239	-0.019	3.264	-0.010	3.290	-0.004	3.323	-0.010
0.061	0.044	0.085	0.050	0.104	0.042	0.116	0.033	3.347	-0.010	3.364	-0.013	3.378	-0.013	3.393	-0.013
0.125	0.021	0.137	0.012	0.146	0.004	0.163	0.004	3.414	-0.013	3.436	-0.002	3.457	0.001	3.474	0.001
0.180	0.013	0.186	0.004	0.203	0.001	0.218	0.001	3.493	-0.011	3.518	-0.022	3.537	-0.034	3.560	-0.034
0.237	0.001	0.256	-0.007	0.273	-0.034	0.285	-0.048	3.573	-0.034	3.596	-0.023	3.619	-0.023	3.660	-0.008
0.296	-0.057	0.313	-0.048	0.332	-0.039	0.349	-0.024	3.685	0.007	3.721	0.003	3.746	-0.008	3.780	-0.020
0.364	-0.012	0.381	-0.015	0.404	-0.020	0.423	-0.023	3.799	-0.029	3.831	-0.035	3.848	-0.036	3.879	-0.030
0.440	-0.032	0.450	-0.035	0.465	-0.035	0.480	-0.038	3.890	-0.027	3.911	-0.015	3.922	-0.009	3.941	-0.007
0.497	-0.040	0.516	-0.040	0.539	-0.014	0.556	-0.002	3.958	-0.013	3.973	-0.010	3.989	-0.015	4.017	-0.015
0.579	0.040	0.592	0.015	0.613	0.021	0.634	0.030	4.042	-0.012	4.061	-0.009	4.080	-0.000	4.099	0.003
0.651	0.036	0.662	0.048	0.672	0.048	0.691	0.039	4.118	0.006	4.129	0.006	4.144	0.006	4.159	0.006
0.702	0.021	0.712	0.012	0.725	0.001	0.738	-0.011	4.175	0.006	4.178	-0.000	4.192	-0.003	4.203	-0.006
0.753	0.020	0.770	-0.026	0.786	-0.029	0.803	-0.029	4.218	-0.009	4.237	-0.015	4.256	-0.023	4.273	-0.029
0.820	-0.035	0.839	-0.040	0.854	-0.049	0.877	-0.046	4.290	-0.029	4.326	-0.023	4.366	-0.014	4.399	-0.005
0.896	-0.032	0.918	-0.023	0.934	-0.022	0.956	-0.004	4.362	-0.005	4.381	-0.002	4.397	0.007	4.412	0.004
0.981	0.004	1.015	-0.005	1.040	-0.011	1.063	-0.028	4.423	0.001	4.442	-0.011	4.448	-0.011	4.459	-0.011
1.080	-0.016	1.099	-0.010	1.114	0.007	1.133	0.022	4.474	-0.017	4.484	-0.020	4.514	-0.023	4.535	-0.029
1.148	0.037	1.171	0.036	1.195	0.013	1.209	-0.008	4.571	-0.027	4.594	-0.009	4.626	-0.004	4.650	-0.007
1.228	0.031	1.245	-0.043	1.266	-0.049	1.288	-0.029	4.683	-0.004	4.708	-0.001	4.729	-0.001	4.751	-0.007
1.302	-0.011	1.326	0.012	1.345	0.012	1.372	-0.005	4.776	-0.013	4.808	-0.019	4.814	-0.021	4.856	-0.021
1.404	-0.020	1.431	-0.047	1.459	-0.047	1.480	-0.047	4.877	-0.027	4.901	-0.030	4.930	-0.033	4.956	-0.036
1.507	-0.041	1.524	-0.029	1.548	-0.015	1.575	0.009	4.975	-0.021	5.025	-0.021	5.055	-0.027	5.074	-0.035
1.600	0.015	1.634	-0.009	1.653	-0.021	1.674	-0.021	5.082	-0.035	5.114	-0.029	5.140	-0.029	5.169	-0.012
1.768	-0.026	1.706	-0.026	1.732	-0.009	1.751	-0.003	5.182	-0.012	5.201	-0.003	5.233	-0.006	5.260	0.000
1.892	-0.017	1.918	-0.008												

6.567	0.012	6.586	0.006	6.603	-0.003	6.624	-0.018	11.085	-0.011	11.110	-0.011	11.127	-0.014	11.140	-0.011
6.645	-0.021	6.664	-0.024	6.681	-0.021	6.698	-0.018	11.154	-0.005	11.171	0.001	11.195	-0.002	11.214	-0.002
6.721	-0.015	6.729	-0.003	6.746	-0.000	6.780	-0.000	11.241	-0.005	11.258	0.006	11.271	-0.006	11.279	-0.006
6.797	-0.003	6.808	-0.009	6.825	-0.012	6.841	-0.012	11.290	-0.006	11.311	-0.006	11.323	-0.006	11.347	-0.009
6.863	-0.012	6.884	-0.007	6.901	-0.004	6.911	-0.004	11.357	-0.006	11.370	-0.000	11.387	-0.001	11.406	-0.001
6.934	-0.007	6.953	-0.007	6.968	-0.007	6.983	-0.010	11.423	-0.001	11.442	0.002	11.471	-0.007	11.488	-0.007
7.002	-0.016	7.034	-0.019	7.038	-0.019	7.057	-0.017	11.493	-0.013	11.524	0.013	11.550	-0.011	11.575	-0.008
7.085	-0.011	7.104	-0.011	7.127	-0.011	7.146	-0.011	11.594	-0.005	11.615	0.001	11.628	0.001	11.645	0.001
7.171	-0.011	7.182	-0.011	7.203	-0.011	7.224	-0.011	11.662	-0.002	11.670	-0.003	11.698	-0.006	11.715	-0.006
7.245	-0.011	7.254	-0.011	7.273	-0.012	7.290	-0.017	11.727	-0.006	11.748	-0.006	11.763	-0.006	11.786	-0.003
7.309	-0.023	7.323	-0.012	7.338	-0.015	7.349	-0.003	11.812	-0.003	11.827	-0.003	11.848	-0.003	11.865	-0.003
7.374	-0.006	7.397	-0.009	7.425	-0.009	7.433	-0.009	11.882	-0.003	11.905	-0.009	11.930	-0.009	11.958	-0.012
7.452	-0.000	7.474	-0.003	7.486	-0.009	7.503	-0.018	11.981	-0.012	12.000	-0.006	12.021	0.002	12.042	0.008
7.529	-0.012	7.560	-0.006	7.571	-0.009	7.596	-0.015	12.068	0.008	12.091	0.011	12.110	0.011	12.127	-0.001
7.619	-0.015	7.632	-0.017	7.651	-0.023	7.677	-0.032	12.148	-0.015	12.165	-0.018	12.180	-0.015	12.199	-0.013
7.712	-0.023	7.742	-0.017	7.763	-0.008	7.774	-0.008	12.218	-0.004	12.235	-0.004	12.254	-0.004	12.266	-0.004
7.805	-0.011	7.850	-0.017	7.875	-0.025	7.903	-0.008	12.273	-0.001	12.283	-0.001	12.290	-0.001	12.313	-0.004
7.922	0.001	7.951	0.010	7.968	0.019	8.004	0.016	12.340	-0.013	12.345	-0.010	12.374	-0.009	12.400	-0.009
8.021	0.004	8.042	-0.001	8.076	0.001	8.108	0.004	12.450	-0.003	12.471	-0.009	12.493	-0.009	12.520	-0.009
8.135	0.010	8.150	0.025	8.178	0.019	8.186	0.010	12.533	-0.008	12.554	-0.011	12.577	-0.014	12.607	-0.014
8.205	-0.001	8.218	-0.001	8.241	-0.007	8.245	-0.010	12.624	-0.014	12.641	-0.014	12.660	-0.014	12.687	-0.014
8.266	-0.010	8.275	-0.010	8.288	-0.010	8.298	-0.001	12.691	-0.011	12.704	-0.008	12.729	-0.011	12.763	-0.017
8.328	-0.001	8.330	-0.001	8.364	0.007	8.395	0.004	12.780	-0.020	12.805	-0.021	12.827	-0.018	12.846	-0.015
8.400	0.004	8.412	0.001	8.431	0.001	8.457	0.001	12.873	-0.009	12.890	-0.003	12.920	-0.004	12.945	-0.007
8.476	0.001	8.497	-0.008	8.516	-0.008	8.535	-0.014	12.987	-0.004	13.023	-0.011	13.053	-0.011	13.082	-0.002
8.556	-0.014	8.575	-0.014	8.590	-0.017	8.615	-0.023	13.106	0.007	13.165	0.004	13.192	0.007	13.197	0.015
8.622	-0.023	8.662	-0.023	8.670	-0.006	8.685	-0.006	13.224	0.012	13.266	0.010	13.283	-0.002	13.304	-0.002
8.708	0.000	8.727	-0.003	8.751	0.003	8.759	0.003	13.328	-0.005	13.349	-0.017	13.372	-0.017	13.397	-0.020
8.782	-0.000	8.791	-0.006	8.814	-0.009	8.829	-0.009	13.419	-0.020	13.436	-0.020	13.448	-0.019	13.465	-0.019
8.835	-0.012	8.850	-0.013	8.871	-0.013	8.884	-0.016	13.488	-0.019	13.503	-0.019	13.520	-0.010	13.533	-0.002
8.903	-0.022	8.928	-0.027	8.945	-0.019	8.966	-0.028	13.554	0.001	13.567	0.001	13.579	-0.004	13.598	-0.002
8.981	-0.025	8.989	-0.019	9.006	-0.013	9.030	-0.013	13.617	-0.005	13.645	-0.013	13.664	-0.005	13.681	-0.005
9.047	-0.001	9.063	-0.004	9.082	-0.013	9.110	-0.025	13.698	-0.005	13.719	-0.002	13.734	0.004	13.744	0.010
9.127	-0.025	9.144	-0.025	9.161	-0.025	9.173	-0.025	13.765	0.016	13.786	0.001	13.803	0.001	13.820	0.004
9.192	-0.025	9.209	-0.025	9.220	-0.028	9.241	-0.025	13.837	0.004	13.854	0.004	13.869	0.004	13.892	0.001
9.262	-0.025	9.268	-0.022	9.283	-0.019	9.307	-0.010	13.907	0.001	13.918	0.001	13.941	0.001	13.958	0.001
9.313	-0.010	9.351	-0.007	9.362	-0.013	9.385	-0.022	13.975	-0.005	13.998	-0.011	14.015	-0.017	14.040	-0.023
9.397	-0.031	9.419	-0.037	9.421	-0.043	9.448	-0.037	14.074	-0.029	14.101	-0.029	14.106	-0.020	14.133	-0.018
9.457	-0.034	9.471	-0.022	9.499	-0.016	9.520	-0.007	14.161	-0.006	14.178	-0.012	14.192	-0.015	14.205	-0.018
9.545	-0.010	9.564	-0.001	9.575	-0.004	9.588	-0.010	14.218	-0.021	14.239	-0.021	14.262	-0.018	14.273	-0.009
9.605	-0.010	9.630	-0.016	9.636	-0.022	9.664	-0.021	14.283	-0.012	14.302	-0.012	14.319	-0.009	14.342	-0.024
9.674	-0.021	9.706	-0.021	9.721	-0.021	9.751	-0.021	14.368	-0.029	14.385	-0.029	14.408	-0.029	14.436	-0.029
9.854	-0.026	9.877	-0.026	9.833	-0.023	9.846	-0.026	14.518	0.003	14.545	-0.003	14.577	-0.018	14.594	-0.024
9.964	-0.010	9.992	-0.007	10.006	-0.007	10.040	-0.007	14.624	-0.029	14.655	-0.018	14.683	-0.012	14.708	-0.012
10.061	-0.004	10.078	-0.004	10.095	-0.012	10.118	-0.006	14.717	-0.012	14.742	-0.021	14.767	-0.012	14.791	-0.015
10.137	-0.006	10.159	0.006	10.173	0.014	10.197	0.015	14.818	-0.018	14.827	-0.009	14.844	-0.009	14.875	-0.007
10.216	-0.006	10.239	0.006	10.264	-0.015	10.292	-0.018	14.896	-0.004	14.920	-0.004	14.937	-0.004	14.958	-0.007
10.328	-0.018	10.342	-0.006	10.362	-0.000	10.387	-0.003	14.981	-0.007	15.008	-0.010	15.027	-0.016	15.051	-0.018
10.416	-0.006	10.452	-0.009	10.459	-0.009	10.463	-0.006	15.078	-0.016	15.114	-0.012	15.142	-0.012	15.169	-0.015
10.484	-0.007	10.516	-0.013	10.529	-0.010	10.548	-0.007	15.186	-0.018	15.203	-0.017	15.216	-0.029	15.233	-0.032
10.577	-0.004	10.603	-0.004	10.632	-0.010	10.681	-0.010	15.279	-0.028	15.304	-0.028	15.330	-0.019	15.347	-0.010
10.619	-0.016	10.712	-0.013	10.759	-0.016	10.784	-0.010	15.378	-0.013	15.397	-0.013	15.414	-0.007	15.442	-0.007
10.816	-0.010	10.835	-0.010	10.865	-0.010	10.890	-0.013	15.465	-0.009	15.490	-0.006	15.518	-0.006	15.539	-0.006
10.918	-0.004	10.934	-0.007	10.964	-0.007	10.983	-0.007	15.567	-0.009	15.588	-0.003	15.617	-0.003	15.630	0.003
10.996	-0.004	11.017	-0.010	11.042	-0.010	11.063	-0.013	15.647	-0.004	15.672	-0.002	15.693	-0.002	15.710	-0.005

79.531	-0.023	79.569	-0.023	79.594	-0.023	79.647	-0.010
79.719	-0.010	79.755	-0.004	79.831	-0.000	79.879	0.003
79.947	0.012	79.994	0.013	80.085	0.013	80.159	0.008
80.226	0.009	80.296	0.009	80.370	0.010	80.431	0.007
80.514	0.005	80.592	0.002	80.660	-0.006	80.717	-0.014
80.767	-0.014	80.827	-0.019	80.873	-0.022	80.937	-0.024
81.000	-0.030	81.063	-0.029	81.127	-0.029	81.194	-0.028
81.245	-0.028	81.309	-0.024	81.353	-0.021	81.410	-0.021
81.465	-0.011	81.522	-0.011	81.575	-0.010	81.607	-0.007
81.649	-0.000	81.717	-0.002	81.791	-0.002	81.829	0.002
81.867	0.005	81.903	0.011	81.945	0.012	81.981	0.012
82.030	0.013	82.066	0.010	82.118	0.011	82.156	0.011
82.209	0.006						

68.80 4/8/68 1830PST LONG BEACH TERMINAL ISLAND N21W

1455 POINTS 51.849 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND ANC SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANECUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0276 G/10.

[illegible]

12.382	-0.032	12.422	-0.022	12.454	-0.020	12.494	-0.007	20.149	-0.037	20.182	-0.017	20.209	-0.002	20.249	0.051
12.548	-0.006	12.561	-0.023	12.616	-0.043	12.673	-0.050	20.269	0.079	20.326	0.072	20.369	0.044	20.410	0.031
12.705	-0.043	12.733	-0.039	12.811	-0.014	12.844	-0.012	20.464	0.019	20.484	0.019	20.511	0.036	20.554	0.029
12.881	0.002	12.903	0.005	12.968	0.023	12.978	0.029	20.584	0.024	20.618	0.011	20.695	-0.024	20.747	-0.042
13.006	-0.040	13.054	-0.014	13.084	-0.017	13.123	-0.031	20.796	-0.034	20.862	-0.011	20.880	-0.019	20.927	-0.029
13.161	0.007	13.183	-0.026	13.219	-0.017	13.265	-0.017	20.966	-0.036	20.992	-0.041	21.058	-0.016	21.109	0.015
13.295	-0.009	13.322	-0.013	13.368	-0.013	13.401	-0.002	21.144	0.007	21.146	0.002	21.189	-0.020	21.231	-0.028
13.447	0.008	13.483	0.025	13.487	0.017	13.517	0.006	21.306	-0.032	21.329	-0.045	21.363	-0.034	21.394	-0.024
13.561	-0.002	13.602	-0.011	13.653	-0.019	13.685	-0.032	21.463	-0.016	21.527	-0.007	21.547	-0.012	21.594	0.001
13.742	-0.050	13.771	-0.074	13.838	-0.036	13.885	-0.091	21.636	0.006	21.670	0.009	21.702	0.030	21.744	0.038
13.934	-0.072	13.981	-0.056	14.020	-0.049	14.050	-0.055	21.804	0.041	21.828	0.023	21.865	-0.009	21.905	-0.049
14.057	-0.052	14.133	-0.058	14.198	-0.064	14.267	-0.052	21.945	-0.076	21.955	-0.035	22.022	-0.030	22.055	0.006
14.280	-0.066	14.327	-0.046	14.363	-0.046	14.418	-0.053	22.092	0.034	22.142	0.070	22.169	0.057	22.222	0.033
14.436	-0.029	14.475	-0.002	14.513	-0.007	14.529	0.002	22.274	-0.005	22.300	-0.006	22.345	-0.006	22.370	0.009
14.573	-0.011	14.601	-0.020	14.637	-0.027	14.690	-0.030	22.379	0.009	22.447	0.002	22.469	-0.002	22.504	0.013
14.746	-0.017	14.809	-0.016	14.822	-0.011	14.842	0.004	22.531	0.023	22.564	0.036	22.603	0.044	22.631	0.047
14.873	0.015	14.889	0.010	14.945	0.008	14.964	0.005	22.639	0.042	22.722	0.020	22.723	0.013	22.783	-0.005
15.011	-0.002	15.044	-0.004	15.077	-0.012	15.094	-0.009	22.814	-0.014	22.857	-0.014	22.901	-0.019	22.919	-0.018
15.109	0.001	15.147	0.014	15.223	0.024	15.231	0.029	22.959	-0.008	23.010	0.003	23.054	0.004	23.086	-0.009
15.255	0.029	15.309	0.014	15.314	-0.007	15.344	-0.007	23.127	-0.005	23.165	-0.008	23.223	-0.032	23.245	-0.021
15.379	0.011	15.396	0.021	15.432	0.016	15.477	0.014	23.312	-0.003	23.322	-0.008	23.367	-0.014	23.420	-0.009
15.486	0.021	15.512	0.026	15.556	0.016	15.591	0.016	23.467	0.015	23.526	0.046	23.536	-0.041	23.615	0.015
15.617	0.008	15.630	-0.009	15.659	-0.024	15.677	-0.045	23.657	0.026	23.690	0.009	23.726	-0.018	23.731	-0.013
15.720	-0.037	15.736	-0.024	15.766	-0.012	15.813	0.014	23.793	-0.032	23.816	-0.037	23.850	-0.023	23.902	-0.005
15.838	0.008	15.884	0.006	15.912	0.001	15.945	-0.002	23.925	0.003	23.970	-0.001	24.025	0.010	24.052	0.026
15.977	0.006	16.018	0.014	16.039	0.024	16.062	0.016	24.166	0.049	24.192	0.045	24.235	0.025	24.286	0.003
16.100	-0.002	16.140	-0.022	16.160	-0.042	16.219	-0.040	24.340	0.014	24.429	0.027	24.474	-0.000	24.528	0.003
16.268	-0.035	16.315	-0.035	16.338	-0.025	16.393	-0.023	24.562	0.006	24.613	-0.009	24.662	-0.024	24.712	-0.024
16.439	-0.023	16.445	-0.053	16.496	-0.081	16.514	-0.084	24.752	0.004	24.759	0.038	24.828	0.048	24.851	0.033
16.543	-0.074	16.586	-0.054	16.612	-0.003	16.661	0.027	24.918	0.021	24.979	0.006	25.007	-0.009	25.083	-0.025
16.679	0.034	16.716	0.057	16.742	0.054	16.754	0.031	25.116	-0.024	25.135	-0.034	25.187	-0.020	25.244	-0.042
16.781	0.008	16.814	-0.010	16.870	-0.011	16.896	-0.013	25.269	-0.036	25.306	-0.023	25.360	-0.014	25.397	-0.014
16.945	-0.009	17.003	0.003	17.025	-0.002	17.070	0.010	25.458	-0.002	25.508	0.004	25.564	0.000	25.586	0.024
17.090	0.030	17.111	0.050	17.147	0.040	17.187	0.014	25.652	0.040	25.731	0.050	25.733	0.040	25.766	0.008
17.227	-0.006	17.262	-0.019	17.313	-0.018	17.345	0.022	25.808	-0.014	25.891	-0.030	25.908	-0.034	25.958	-0.036
17.355	0.062	17.454	0.071	17.484	0.058	17.535	0.065	26.011	-0.026	26.055	-0.015	26.128	0.016	26.220	0.057
17.547	0.068	17.600	0.062	17.647	0.051	17.698	0.034	26.263	0.052	26.301	0.035	26.342	0.018	26.393	0.008
17.710	-0.018	17.728	-0.028	17.747	-0.043	17.798	-0.031	26.461	0.003	26.498	-0.015	26.544	-0.015	26.589	-0.025
17.833	-0.016	17.884	0.001	17.917	0.018	17.947	0.020	26.673	-0.022	26.726	-0.043	26.743	-0.045	26.826	-0.015
17.972	0.025	17.994	0.015	18.033	-0.013	18.081	-0.031	26.849	-0.012	26.899	-0.007	26.943	-0.005	26.990	0.001
18.092	-0.031	18.124	-0.029	18.159	-0.024	18.221	-0.019	27.034	0.019	27.079	-0.040	27.143	-0.016	27.214	-0.071
18.236	-0.017	18.268	-0.004	18.310	-0.011	18.347	0.026	27.300	-0.052	27.305	-0.040	27.352	-0.012	27.390	0.009
18.384	0.033	18.426	0.020	18.460	-0.010	18.488	-0.036	27.439	0.014	27.523	0.028	27.584	0.023	27.632	0.014
18.521	-0.038	18.550	-0.059	18.601	-0.067	18.605	-0.049	27.702	0.020	27.869	0.001	27.860	0.002	27.878	0.009
18.643	-0.021	18.657	0.014	18.657	0.039	18.725	0.052	27.929	0.022	27.955	0.018	28.044	0.016	28.103	0.014
18.740	0.039	18.767	0.017	18.795	-0.011	18.812	-0.016	28.139	0.009	28.159	0.027	28.216	0.040	28.273	0.038
18.842	-0.029	18.864	-0.039	18.892	-0.037	18.929	-0.014	28.345	0.022	28.365	0.010	28.417	0.015	28.480	0.029
18.967	0.004	19.009	0.031	19.028	0.034	19.064	0.024	28.503	0.022	28.554	-0.017	28.608	-0.005	28.629	-0.009
19.103	0.004	19.128	0.003	19.159	-0.012	19.179	-0.017	28.702	-0.002	28.743	-0.001	28.759	-0.001	28.840	0.001
19.212	-0.034	19.259	-0.055	19.261	-0.052	19.284	-0.037	28.868	-0.006	28.899	-0.020	28.960	-0.034	29.022	-0.047
19.310	-0.017	19.345	-0.021	19.378	0.059	19.414	0.069	29.079	-0.036	29.151	-0.017	29.177	-0.024	29.232	-0.005
19.442	0.051	19.478	0.036	19.506	0.036	19.542	0.041	29.272	0.021	29.367	0.013	29.384	0.013	29.454	-0.013
19.556	0.044	19.627	0.051	19.655	0.054	19.686	0.041	29.507	-0.042	29.559	-0.061	29.595	-0.045	29.640	-0.022
19.711	0.029	19.747	-0.007	19.784	-0.014	19.824	0.016	29.680	-0.003	29.740	0.039	29.797	0.053	29.851	0.039
19.852	0.045	19.909	0.087	19.940	0.079	19.953	0.069	29.816	0.022	29.925	-0.002	30.031	-0.023	30.056	-0.024
19.990	0.056	20.056	0.024	20.094	-0.009	20.127	-0.024	30.091	-0.021	30.136	-0.015	30.191	-0.001	30.254	0.011

* 30.318	0.007	30.391	0.001	30.424	0.008	30.474	0.011	36.572	C.013	37.000	0.029	37.023	0.042	37.074	0.045
30.516	0.018	30.563	0.024	30.616	0.038	30.631	0.041	37.084	C.043	37.118	0.034	37.150	0.021	37.179	0.012
30.687	0.052	30.732	0.043	30.750	0.035	30.770	0.028	37.201	0.007	37.241	0.005	37.275	0.008	37.313	0.006
30.757	0.014	30.812	0.004	30.842	-0.006	30.849	-0.005	37.350	0.012	37.402	0.013	37.447	0.017	37.500	0.026
30.891	-0.012	30.929	-0.009	30.942	-0.001	30.959	-0.001	37.525	C.025	37.542	0.022	37.588	0.023	37.630	0.029
30.979	-0.003	31.008	0.013	31.050	0.022	31.094	0.021	37.688	C.040	37.728	0.041	37.771	0.043	37.791	0.043
31.122	0.026	31.142	0.024	31.185	0.018	31.216	0.024	37.829	C.047	37.876	0.048	37.906	0.046	37.945	0.040
31.256	0.030	31.275	0.035	31.302	0.046	31.333	0.055	37.966	C.035	38.008	0.026	38.042	0.017	38.074	C.013
31.371	0.068	31.412	0.072	31.427	0.065	31.460	0.056	38.107	0.006	38.147	-0.003	38.186	0.008	38.223	C.009
31.494	C.052	31.528	0.043	31.568	0.049	31.569	0.049	38.268	C.020	38.291	0.023	38.344	C.034	38.378	C.037
31.596	0.045	31.625	0.033	31.643	0.023	31.681	0.016	38.420	C.046	38.443	C.033	38.488	C.024	38.518	C.017
31.694	-0.003	31.731	0.018	31.751	-0.020	31.787	0.009	38.550	C.015	38.590	C.018	38.619	C.009	38.642	C.007
31.820	-0.015	31.843	-0.010	31.875	-0.011	31.898	-0.011	38.679	0.007	38.694	C.005	38.732	C.008	38.771	C.009
31.928	-0.008	31.949	0.003	31.957	0.019	32.020	0.022	38.804	C.012	38.841	C.016	38.882	C.014	38.913	C.010
32.043	0.020	32.070	0.016	32.086	0.009	32.101	0.009	38.946	-C.002	38.982	-C.012	39.013	-C.024	39.049	-0.028
32.136	0.007	32.163	0.005	32.187	0.003	32.212	0.001	39.083	-C.030	39.103	-C.024	39.131	-C.024	39.162	-0.018
32.237	0.004	32.262	0.012	32.280	C.010	32.320	0.006	39.198	-0.014	39.224	-0.014	39.252	-0.015	39.264	-0.018
32.331	0.004	32.349	-0.003	32.378	-0.013	32.421	-0.017	39.301	-C.015	39.326	-C.024	39.350	-C.018	39.372	-0.007
32.447	-0.019	32.465	-0.015	32.493	-0.008	32.528	0.006	39.404	0.009	39.436	0.022	39.475	C.031	39.505	C.031
32.577	0.007	32.595	0.002	32.610	0.003	32.628	0.000	39.541	0.025	39.562	-C.020	39.579	-C.019	39.612	0.007
32.676	-0.001	32.701	-0.003	32.724	0.000	32.760	0.009	39.647	-0.008	39.675	-C.012	39.696	-0.019	39.730	-0.023
32.793	0.012	32.833	0.015	32.846	0.018	32.892	0.019	39.763	-0.035	39.788	-0.041	39.815	-0.048	39.847	-0.047
32.902	0.017	32.935	0.020	32.961	0.021	32.997	C.024	39.876	-C.041	39.906	-C.041	39.922	-C.040	39.944	-0.034
33.023	C.015	33.061	0.013	33.065	0.016	33.118	0.015	39.981	-C.020	39.999	-C.007	40.030	C.006	40.060	C.010
33.141	0.005	33.162	-0.007	33.155	-0.017	33.221	-0.018	40.083	0.016	40.125	0.017	40.151	0.021	40.171	C.019
33.241	-0.026	33.275	-0.010	33.326	0.009	33.364	0.012	40.220	C.015	40.244	C.014	40.265	C.012	40.257	C.005
33.353	0.018	33.424	0.019	33.454	0.022	33.465	0.020	40.336	-0.004	40.350	-0.008	40.392	-0.012	40.426	-0.011
33.501	0.021	33.530	0.014	33.575	0.017	33.592	0.022	40.447	-C.010	40.479	-0.009	40.505	-0.009	40.547	C.003
33.619	0.023	33.643	0.028	33.663	0.026	33.687	0.017	40.557	C.000	40.617	0.003	40.630	C.005	40.658	0.006
33.657	0.012	33.738	-0.005	33.758	-0.012	33.780	-C.017	40.658	-C.000	40.716	C.003	40.730	-0.002	40.753	-0.001
33.805	-0.016	33.828	-0.008	33.854	-0.000	33.895	-0.006	40.787	-C.001	40.835	C.008	40.865	C.012	40.883	0.007
33.919	0.004	33.950	-0.003	33.971	-0.018	34.005	-0.022	40.918	0.010	40.949	C.014	40.981	C.012	40.999	C.010
34.017	-0.027	34.057	-0.031	34.101	-0.032	34.140	-0.039	41.029	0.013	41.045	0.011	41.084	0.005	41.118	C.011
34.153	-0.036	34.187	-0.030	34.231	-0.019	34.283	-0.021	41.132	C.011	41.177	0.012	41.213	C.008	41.249	0.006
34.306	-0.015	34.322	-0.018	34.377	-0.016	34.402	-0.018	41.272	C.002	41.290	-0.003	41.328	-C.004	41.354	-C.004
34.434	-0.008	34.465	0.000	34.486	-0.007	34.518	-0.001	41.376	-0.001	41.400	0.005	41.434	0.014	41.458	C.019
34.557	C.005	34.604	0.008	34.655	0.015	34.689	0.011	41.459	0.033	41.505	C.033	41.542	C.039	41.563	C.042
34.700	0.003	34.747	-0.017	34.771	-0.022	34.797	-0.037	41.589	0.038	41.613	0.031	41.638	C.021	41.667	C.012
34.823	-0.052	34.859	-0.057	34.887	-0.059	34.901	-0.059	41.655	-0.003	41.724	-0.015	41.746	-C.027	41.777	-C.037
34.939	-0.048	34.971	-0.040	35.012	-0.027	35.042	-0.017	41.804	-0.051	41.833	-0.058	41.865	-0.065	41.881	-0.070
35.054	-0.009	35.141	-0.001	35.162	0.002	35.195	0.002	41.918	-0.072	41.944	-0.074	41.953	-0.076	41.971	-0.073
35.214	0.005	35.243	0.006	35.282	0.009	35.325	0.028	41.997	-C.068	42.029	-0.057	42.047	-0.049	42.076	-0.036
35.355	0.037	35.386	0.051	35.419	0.049	35.445	0.050	42.106	-0.025	42.134	-0.020	42.169	-C.020	42.159	-C.022
35.471	0.046	35.506	0.040	35.516	0.036	35.537	0.039	42.216	-0.024	42.249	-0.018	42.283	-0.010	42.294	-0.013
35.583	0.023	35.623	0.022	35.641	0.030	35.684	0.042	42.335	C.000	42.367	C.008	42.396	C.011	42.428	0.012
35.657	0.040	35.732	0.064	35.750	0.067	35.802	0.082	42.457	0.012	42.505	0.008	42.545	0.011	42.581	C.011
35.833	0.078	35.843	0.076	35.871	C.070	35.897	0.068	42.602	0.014	42.644	0.017	42.679	C.025	42.715	C.030
35.919	0.067	35.954	0.060	35.981	0.058	36.019	0.059	42.728	0.020	42.776	0.028	42.800	C.028	42.837	0.031
36.050	0.052	36.071	0.045	36.106	0.036	36.134	0.036	42.864	-0.024	42.910	-0.014	42.931	-0.006	42.947	-C.006
36.163	0.042	36.206	0.038	36.235	0.031	36.269	0.022	42.966	-0.013	42.995	-0.021	43.018	-0.026	43.046	-0.033
36.294	0.013	36.320	0.000	36.343	-0.002	36.351	-0.004	43.089	-0.043	43.120	-0.045	43.140	-0.045	43.166	-0.043
36.386	-0.024	36.420	-0.036	36.441	-0.048	36.471	-C.060	43.199	-0.035	43.227	-0.039	43.264	-0.012	43.250	-0.012
36.458	-0.067	36.522	-0.072	36.553	-0.074	36.579	-C.076	43.324	-C.001	43.356	C.009	43.403	C.004	43.434	-0.001
36.600	-0.075	36.613	-0.078	36.654	-0.080	36.686	-0.082	43.450	-0.008	43.493	-0.011	43.536	-0.008	43.552	-0.011
36.706	-0.086	36.745	-0.081	36.769	-0.073	36.801	-0.060	43.591	-0.013	43.611	-0.013	43.637	-0.013	43.673	-0.013
36.826	-0.054	36.860	-0.041	36.897	-0.026	36.938	-0.007	43.711	-0.018	43.757	-0.025	43.765	-C.030	43.801	-0.028

43.833	-0.017	43.869	-0.007	43.903	0.006	43.924	0.016
43.952	0.023	43.987	0.036	44.028	0.052	44.055	0.069
44.080	0.072	44.108	0.080	44.131	0.085	44.168	0.087
44.191	0.088	44.230	0.065	44.250	0.063	44.279	0.073
44.305	0.063	44.333	0.055	44.351	0.045	44.382	0.030
44.436	0.025	44.420	0.016	44.446	0.008	44.454	-0.004
44.485	-0.017	44.503	-0.027	44.530	-0.039	44.558	-0.044
44.573	-0.045	44.597	-0.049	44.628	-0.048	44.663	-0.048
44.697	-0.043	44.712	-0.040	44.746	-0.037	44.777	-0.034
44.812	-0.031	44.856	-0.023	44.871	-0.018	44.926	0.001
44.947	0.001	44.968	0.004	44.997	0.007	45.042	0.018
45.063	0.018	45.111	0.032	45.138	0.042	45.174	0.043
45.203	0.046	45.230	0.037	45.274	0.033	45.301	0.023
45.338	0.022	45.351	0.017	45.383	0.010	45.409	0.016
45.447	0.017	45.468	0.027	45.494	0.020	45.520	0.013
45.547	0.009	45.597	0.005	45.621	0.011	45.660	-0.006
45.682	-0.006	45.718	-0.008	45.752	-0.012	45.774	-0.009
45.809	-0.019	45.822	-0.018	45.863	-0.015	45.901	-0.009
45.943	0.009	45.986	0.005	45.999	0.000	46.034	-0.007
46.063	-0.014	46.092	-0.021	46.123	-0.028	46.160	-0.035
46.183	-0.037	46.198	-0.037	46.243	-0.034	46.309	-0.022
46.337	-0.022	46.371	-0.019	46.396	-0.016	46.439	-0.012
46.476	-0.014	46.511	-0.010	46.554	-0.001	46.597	0.007
46.620	0.013	46.671	0.025	46.703	0.028	46.760	0.027
46.792	0.030	46.825	0.026	46.860	0.032	46.874	0.033
46.900	0.028	46.952	0.025	46.983	0.020	46.992	0.016
47.019	0.006	47.064	-0.003	47.072	-0.005	47.112	-0.009
47.152	-0.005	47.179	-0.002	47.208	0.001	47.253	0.002
47.272	0.000	47.310	-0.001	47.346	-0.003	47.384	-0.007
47.435	-0.009	47.477	-0.013	47.529	-0.009	47.591	-0.013
47.619	-0.027	47.659	-0.039	47.716	-0.048	47.747	-0.054
47.768	-0.051	47.801	-0.043	47.842	-0.034	47.894	-0.018
47.938	0.006	47.946	0.019	47.998	0.041	48.044	0.062
48.053	0.060	48.087	0.066	48.127	0.062	48.163	0.052
48.219	0.041	48.234	0.027	48.270	0.015	48.316	0.001
48.344	0.004	48.396	0.011	48.438	0.007	48.476	0.006
48.502	0.004	48.528	0.005	48.576	0.006	48.618	0.015
48.654	0.016	48.698	0.022	48.741	0.031	48.770	0.032
48.814	0.030	48.839	0.023	48.865	0.012	48.898	-0.005
48.931	-0.017	48.953	-0.024	49.008	-0.032	49.016	-0.030
49.046	-0.021	49.088	-0.012	49.121	-0.004	49.160	0.008
49.182	0.008	49.234	0.008	49.260	0.006	49.293	-0.001
49.314	0.000	49.345	-0.001	49.369	-0.001	49.397	0.000
49.435	0.007	49.472	0.005	49.505	0.001	49.547	-0.002
49.585	-0.006	49.625	-0.004	49.654	0.004	49.681	-0.002
49.708	0.004	49.748	0.011	49.816	0.013	49.876	0.005
49.896	0.004	49.935	-0.002	49.985	-0.003	50.034	-0.006
50.053	-0.000	50.095	0.007	50.147	0.019	50.181	0.025
50.213	0.025	50.268	0.036	50.304	0.035	50.326	0.034
50.375	0.023	50.394	0.024	50.435	0.018	50.457	0.014
50.496	0.007	50.550	0.005	50.597	-0.001	50.633	-0.002
50.646	-0.002	50.685	-0.003	50.724	-0.001	50.756	0.000
50.794	0.009	50.808	0.002	50.844	0.009	50.888	0.015
50.911	0.011	50.946	0.010	50.984	0.007	51.004	0.007
51.044	0.011	51.074	-0.003	51.114	0.007	51.147	0.005
51.190	-0.005	51.227	-0.014	51.260	-0.012	51.300	-0.018
51.333	-0.024	51.346	-0.028	51.392	-0.034	51.436	-0.029

68.80 4/8/68 1830PST LONG BEACH TERMINAL ISLAND S69W

1537 POINTS 51.847 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0250 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.009	0.035	-0.013	0.073	-0.001	0.118	0.025	6.561	0.016	7.012	0.005	7.038	-0.004	7.072	-0.008	7.254	-0.031
0.144	0.037	0.184	0.052	0.219	0.059	0.247	0.050	7.121	0.000	7.167	0.013	7.194	0.025	7.254	-0.031	7.464	0.006
0.277	0.041	0.317	0.029	0.358	0.001	0.400	-0.031	7.319	0.027	7.334	0.014	7.383	0.019	7.464	0.006	7.623	-0.011
0.467	-0.050	0.499	-0.056	0.530	-0.063	0.585	-0.048	7.508	0.014	7.542	-0.012	7.582	-0.005	7.623	-0.011	7.808	-0.011
0.603	-0.028	0.635	-0.009	0.684	0.007	0.748	0.025	7.675	-0.020	7.742	-0.014	7.766	-0.005	7.808	-0.011	8.037	-0.007
0.769	0.030	0.830	0.031	0.840	0.041	0.863	0.032	7.852	0.001	7.919	0.002	7.977	-0.003	8.037	-0.007	8.283	-0.001
0.908	0.016	0.946	-0.001	0.977	-0.000	1.003	0.001	8.122	0.001	8.185	0.013	8.258	0.006	8.283	-0.001	8.454	-0.009
1.028	-0.003	1.085	-0.025	1.136	-0.038	1.161	-0.026	8.327	-0.010	8.389	-0.039	8.437	-0.019	8.454	-0.009	8.663	-0.007
1.232	-0.017	1.288	0.007	1.288	0.022	1.331	0.030	8.525	0.003	8.573	-0.003	8.613	-0.010	8.663	-0.007	8.825	-0.026
1.384	0.028	1.464	0.028	1.464	0.027	1.472	0.008	8.718	-0.009	8.751	-0.001	8.785	-0.008	8.825	-0.026	9.023	-0.008
1.568	0.011	1.588	-0.001	1.640	-0.010	1.667	-0.007	8.864	-0.016	8.941	0.004	8.993	-0.002	9.023	-0.008	9.199	0.007
1.722	-0.011	1.809	-0.005	1.722	-0.011	1.949	-0.003	9.023	0.023	9.091	0.014	9.175	0.007	9.199	0.007	9.336	0.020
1.992	0.067	2.058	0.013	2.115	0.014	2.166	0.015	9.217	0.005	9.253	0.013	9.255	0.024	9.336	0.020	9.512	0.012
2.227	0.002	2.306	0.001	2.359	-0.014	2.381	-0.016	9.367	0.016	9.412	0.010	9.467	0.000	9.512	0.012	9.689	0.030
2.458	-0.012	2.472	-0.014	2.527	-0.025	2.583	-0.002	9.559	0.020	9.605	0.022	9.641	0.016	9.689	0.030	9.836	0.002
2.628	-0.005	2.722	0.031	2.755	0.036	2.794	0.039	9.710	0.040	9.750	0.013	9.790	0.010	9.836	0.002	10.108	-0.020
2.830	0.046	2.858	0.030	2.893	0.023	2.929	-0.001	9.891	-0.015	9.957	-0.012	10.036	-0.009	10.108	-0.020	10.256	-0.053
2.976	-0.017	3.003	-0.024	3.034	-0.019	3.069	-0.011	10.150	-0.035	10.201	-0.037	10.226	-0.057	10.256	-0.053	10.354	-0.032
3.116	-0.001	3.138	-0.001	3.165	-0.006	3.206	-0.008	10.289	-0.050	10.325	-0.037	10.372	-0.021	10.354	-0.032	10.508	0.030
3.255	-0.005	3.314	0.007	3.360	0.010	3.396	0.022	10.421	-0.022	10.459	0.005	10.479	0.015	10.508	0.030	10.656	-0.056
3.466	0.022	3.518	0.018	3.539	0.009	3.602	-0.003	10.575	0.041	10.602	0.025	10.622	0.009	10.656	-0.056	10.753	0.002
3.634	-0.010	3.662	-0.007	3.728	-0.007	3.758	-0.01										

13.289	0.036	13.345	0.028	13.361	0.026	13.381	0.015	20.812	0.057	20.856	0.057	20.904	0.052	20.932	0.045
13.408	0.001	13.438	-0.005	13.467	-0.009	13.523	-0.000	21.006	0.027	21.008	0.027	21.032	0.001	21.057	0.025
13.567	-0.001	13.621	0.007	13.660	0.009	13.661	-0.003	21.095	-0.049	21.132	-0.038	21.168	-0.046	21.208	-0.019
13.691	-0.005	13.717	-0.004	13.751	0.007	13.777	-0.002	21.249	0.010	21.278	0.033	21.353	0.020	21.368	-0.002
13.803	-0.020	13.847	0.019	13.883	0.041	13.915	-0.035	21.405	-0.016	21.461	-0.008	21.482	-0.015	21.529	-0.022
13.940	-0.025	13.976	0.019	14.005	0.040	14.049	0.055	21.583	-0.010	21.588	-0.007	21.622	-0.019	21.664	-0.028
14.078	0.061	14.108	0.055	14.142	0.047	14.207	0.035	21.701	-0.033	21.728	0.028	21.758	-0.037	21.788	-0.044
14.222	0.026	14.254	0.018	14.285	0.002	14.337	0.006	21.835	-0.058	21.852	-0.011	21.889	-0.027	21.922	-0.010
14.352	-0.003	14.383	0.001	14.409	-0.001	14.440	-0.010	21.912	0.004	22.026	0.022	22.089	0.013	22.096	0.008
14.468	-0.018	14.486	-0.018	14.507	-0.017	14.525	-0.012	22.129	-0.011	22.159	0.018	22.202	0.009	22.241	-0.002
14.574	-0.010	14.611	-0.021	14.631	-0.016	14.657	-0.009	22.286	-0.004	22.321	-0.004	22.362	-0.008	22.392	-0.005
14.658	0.028	14.742	0.036	14.771	0.041	14.818	0.037	22.421	0.009	22.469	0.031	22.496	0.017	22.529	-0.006
14.838	0.026	14.877	0.034	14.903	0.041	14.944	0.052	22.573	-0.004	22.603	-0.003	22.640	-0.043	22.680	-0.026
14.975	0.052	15.014	0.061	15.069	0.054	15.092	0.038	22.724	-0.004	22.755	-0.013	22.791	-0.027	22.821	-0.043
15.121	-0.026	15.165	0.007	15.183	0.005	15.204	-0.002	22.841	-0.053	22.893	-0.042	22.923	-0.030	22.965	-0.015
15.235	-0.002	15.261	0.003	15.283	0.017	15.302	0.019	22.958	-0.003	23.009	0.014	23.031	-0.019	23.074	0.015
15.341	0.003	15.375	-0.028	15.408	-0.040	15.433	-0.035	23.097	-0.008	23.123	0.008	23.155	0.001	23.197	-0.005
15.464	-0.035	15.493	-0.042	15.528	-0.027	15.570	-0.017	23.235	0.009	23.277	0.015	23.304	-0.009	23.333	-0.006
15.610	-0.003	15.639	0.014	15.721	0.032	15.739	0.010	23.317	0.004	23.415	0.015	23.451	0.040	23.486	0.031
15.736	0.008	15.792	-0.014	15.824	-0.033	15.880	-0.001	23.521	0.024	23.568	0.015	23.627	0.030	23.693	0.031
15.931	-0.028	15.993	-0.013	16.035	0.001	16.087	0.001	23.745	-0.034	23.790	-0.032	23.835	0.006	23.865	-0.032
16.105	-0.008	16.156	0.004	16.200	0.006	16.220	0.011	23.904	-0.048	23.937	-0.074	23.963	-0.067	24.003	-0.050
16.241	0.011	16.277	0.018	16.295	0.018	16.326	0.011	24.004	-0.050	24.047	-0.018	24.093	0.004	24.133	0.014
16.361	-0.003	16.383	-0.012	16.419	-0.027	16.440	-0.015	24.117	0.026	24.218	0.033	24.266	0.036	24.322	0.029
16.498	-0.005	16.516	-0.012	16.531	-0.022	16.567	-0.017	24.340	0.032	24.406	0.035	24.462	0.052	24.494	0.048
16.605	-0.001	16.634	0.011	16.676	0.004	16.702	0.009	24.504	0.032	24.542	0.006	24.581	-0.019	24.614	-0.036
16.720	0.021	16.751	0.018	16.781	0.014	16.817	0.026	24.604	-0.023	24.682	-0.001	24.718	-0.001	24.735	-0.015
16.857	0.042	16.864	0.035	16.890	0.026	16.920	0.018	24.803	-0.031	24.813	-0.023	24.854	-0.027	24.887	-0.027
16.955	0.016	16.997	0.026	17.030	0.014	17.063	0.002	24.931	-0.022	24.963	-0.021	25.009	-0.044	25.050	-0.017
17.117	0.007	17.159	0.026	17.194	0.016	17.215	0.009	25.110	0.019	25.142	0.025	25.159	0.021	25.243	0.022
17.250	0.007	17.310	0.022	17.324	0.012	17.371	0.020	25.304	0.016	25.353	0.028	25.401	0.015	25.441	0.001
17.404	-0.010	17.436	-0.003	17.494	0.009	17.528	0.040	25.486	-0.019	25.520	-0.014	25.579	0.001	25.610	0.016
17.574	0.049	17.582	0.057	17.607	0.047	17.636	0.040	25.664	0.000	25.711	-0.013	25.736	-0.008	25.761	-0.002
17.677	0.040	17.689	0.045	17.741	0.049	17.765	0.040	25.809	0.006	25.881	0.007	25.927	-0.004	25.958	-0.030
17.784	0.030	17.816	0.023	17.845	0.016	17.879	-0.012	25.963	-0.021	26.012	-0.053	26.045	-0.004	26.065	-0.023
17.914	-0.046	17.943	-0.050	17.971	-0.036	18.007	-0.015	26.115	-0.003	26.141	0.019	26.177	0.015	26.202	0.003
18.032	-0.005	18.067	0.007	18.114	0.016	18.121	0.021	26.253	0.004	26.286	0.012	26.331	0.022	26.359	0.042
18.139	0.016	18.193	0.007	18.201	-0.012	18.250	-0.012	26.373	0.042	26.406	0.036	26.445	0.022	26.466	0.008
18.277	-0.010	18.312	-0.005	18.353	0.004	18.395	0.016	26.526	-0.003	26.532	-0.017	26.565	-0.033	26.607	-0.039
18.435	0.009	18.483	-0.010	18.510	-0.024	18.542	-0.031	26.657	-0.048	26.720	-0.037	26.749	-0.022	26.751	-0.005
18.552	-0.029	18.590	-0.050	18.630	-0.036	18.670	-0.029	26.817	-0.011	26.857	-0.020	26.910	-0.026	26.961	-0.037
18.704	-0.020	18.724	-0.005	18.759	-0.008	18.795	-0.012	26.986	-0.049	27.026	-0.063	27.051	-0.074	27.094	-0.079
18.814	-0.017	18.857	-0.008	18.877	0.004	18.917	0.007	27.122	-0.064	27.160	-0.047	27.181	-0.002	27.213	0.030
18.960	-0.010	18.984	-0.027	19.004	-0.048	19.022	-0.050	27.262	0.052	27.295	0.054	27.327	0.045	27.355	0.041
19.033	-0.045	19.136	-0.024	19.172	0.009	19.173	0.021	27.366	0.036	27.436	0.030	27.459	0.018	27.505	-0.001
19.231	0.024	19.279	0.040	19.307	0.040	19.348	0.021	27.533	-0.019	27.564	-0.031	27.591	-0.047	27.619	-0.061
19.361	0.007	19.377	0.005	19.402	0.007	19.448	0.014	27.658	-0.059	27.703	-0.030	27.728	-0.020	27.757	-0.011
19.477	-0.026	19.518	0.027	19.553	0.010	19.599	-0.002	27.769	-0.022	27.842	-0.025	27.886	-0.015	27.903	-0.008
19.640	-0.009	19.687	-0.030	19.728	-0.018	19.766	-0.006	27.965	0.009	27.986	-0.003	28.025	-0.014	28.043	-0.035
19.815	0.006	19.874	0.030	19.904	0.035	19.945	0.023	28.091	-0.011	28.112	0.003	28.174	0.023	28.202	0.035
19.993	0.018	20.046	0.007	20.098	0.014	20.120	0.017	28.233	-0.009	28.279	0.029	28.331	-0.003	28.350	-0.003
20.165	0.012	20.208	0.008	20.257	0.001	20.283	0.011	28.423	-0.009	28.461	0.005	28.515	-0.009	28.558	-0.016
20.309	0.034	20.355	0.051	20.383	0.063	20.419	0.071	28.639	0.013	28.680	0.001	28.728	-0.005	28.769	-0.024
20.447	0.057	20.489	0.017	20.515	-0.024	20.541	-0.062	28.815	-0.044	28.838	-0.032	28.871	-0.010	28.937	0.017
20.588	-0.099	20.626	-0.094	20.661	-0.056	20.666	-0.054	28.956	0.029	29.004	0.037	29.064	0.041	29.079	0.041
20.654	-0.013	20.725	0.018	20.757	0.030	20.779	0.052	29.146	0.030	29.118	0.019	29.231	-0.018	29.279	-0.027

25.299	-0.012	29.324	-0.004	29.341	0.010	29.384	0.009	35.471	0.007	35.457	0.013	35.530	0.014	35.553	0.015
29.441	-0.007	29.494	0.004	29.577	0.013	29.612	0.020	35.593	0.017	35.619	0.015	35.652	0.014	35.675	0.008
29.677	-0.014	29.725	-0.001	29.780	-0.010	29.805	-0.009	35.691	0.006	35.741	0.005	35.741	0.008	35.769	0.004
29.850	0.001	29.910	0.011	29.941	-0.000	29.991	-0.011	35.777	-0.004	35.806	-0.000	35.837	-0.007	35.858	-0.011
30.031	-0.022	30.083	-0.019	30.120	0.000	30.180	0.011	35.864	-0.018	35.920	-0.020	35.937	-0.022	35.966	-0.014
30.220	0.007	30.276	0.005	30.301	0.005	30.341	0.003	36.004	-0.001	36.060	0.001	36.069	0.021	36.104	0.022
30.373	-0.010	30.406	-0.015	30.433	-0.012	30.448	-0.008	36.133	0.020	36.169	0.020	36.195	0.025	36.207	0.028
30.471	-0.001	30.495	0.014	30.520	0.026	30.540	0.035	36.256	0.036	36.280	0.041	36.323	0.037	36.346	0.035
30.563	0.037	30.587	0.045	30.597	0.040	30.627	0.031	36.382	0.026	36.408	0.014	36.429	0.007	36.463	0.001
30.652	0.012	30.664	0.002	30.677	-0.005	30.689	-0.014	36.486	-0.001	36.499	-0.001	36.547	0.007	36.572	0.017
30.657	-0.021	30.720	-0.028	30.744	-0.036	30.764	-0.040	36.604	0.022	36.628	0.025	36.659	0.019	36.688	0.012
30.791	-0.042	30.806	-0.049	30.831	-0.054	30.856	-0.058	36.700	0.008	36.744	0.008	36.773	-0.001	36.794	0.001
30.883	-0.057	30.909	-0.056	30.922	-0.054	30.949	-0.044	36.817	0.003	36.844	0.008	36.865	0.011	36.890	0.015
30.967	0.036	30.990	-0.021	31.008	-0.006	31.043	0.016	36.925	0.012	36.946	0.010	36.973	0.002	36.991	-0.003
31.062	0.023	31.081	0.033	31.095	0.031	31.123	0.027	37.026	-0.009	37.058	-0.011	37.081	-0.015	37.106	-0.014
31.143	0.023	31.161	0.021	31.186	0.019	31.193	0.020	37.127	-0.011	37.153	-0.006	37.182	-0.001	37.211	-0.005
31.212	0.022	31.252	0.033	31.270	0.038	31.293	0.043	37.243	-0.006	37.267	-0.004	37.291	-0.010	37.320	-0.012
31.306	0.044	31.346	0.042	31.372	0.043	31.395	0.041	37.328	-0.012	37.368	-0.004	37.403	0.002	37.447	0.022
31.415	0.035	31.438	0.024	31.451	0.017	31.469	0.005	37.469	0.015	37.500	0.023	37.532	-0.005	37.551	-0.004
31.464	-0.001	31.508	-0.015	31.526	-0.022	31.566	-0.030	37.565	-0.018	37.595	-0.023	37.632	-0.031	37.657	-0.038
31.575	-0.034	31.601	-0.034	31.624	-0.031	31.646	-0.028	37.678	-0.042	37.701	-0.032	37.723	-0.029	37.746	-0.026
31.675	-0.017	31.690	0.017	31.716	-0.009	31.736	0.001	37.770	-0.014	37.794	-0.006	37.829	0.006	37.858	0.016
31.765	0.014	31.793	0.017	31.813	0.012	31.840	0.006	37.873	0.019	37.902	0.017	37.911	0.018	37.950	0.018
31.868	0.004	31.894	-0.003	31.913	-0.005	31.936	-0.006	38.013	0.020	38.044	0.018	38.083	0.017	38.118	0.025
31.969	-0.010	31.994	-0.007	32.025	0.005	32.047	0.003	38.146	0.027	38.155	0.033	38.217	0.024	38.251	0.020
32.078	0.006	32.113	0.012	32.138	0.015	32.167	0.015	38.275	0.014	38.311	0.014	38.336	0.016	38.362	0.021
32.200	0.019	32.232	0.014	32.257	0.008	32.283	0.006	38.411	0.035	38.453	0.026	38.466	0.028	38.533	0.026
32.311	-0.004	32.336	-0.002	32.358	-0.002	32.376	-0.018	38.545	-0.021	38.591	-0.004	38.604	-0.003	38.630	-0.017
32.402	-0.020	32.419	-0.022	32.438	-0.022	32.468	-0.024	38.658	0.032	38.667	-0.044	38.710	-0.056	38.738	-0.066
32.483	-0.023	32.514	-0.018	32.542	-0.015	32.570	-0.014	38.770	-0.016	38.800	-0.016	38.826	-0.074	38.868	-0.087
32.600	-0.009	32.633	0.004	32.666	0.014	32.694	0.005	38.891	-0.045	38.932	-0.054	38.957	-0.048	38.953	-0.050
32.707	0.003	32.743	-0.013	32.747	-0.013	32.778	-0.031	39.006	-0.045	39.029	-0.050	39.045	-0.047	39.070	-0.042
32.804	-0.040	32.832	-0.042	32.857	-0.037	32.880	-0.034	39.096	-0.032	39.132	-0.015	39.157	0.000	39.166	-0.002
32.908	-0.016	32.931	-0.009	32.944	0.001	32.988	0.019	39.206	0.007	39.220	0.010	39.258	0.019	39.288	0.020
33.008	0.026	33.041	0.034	33.060	0.035	33.095	0.038	39.320	0.015	39.343	0.018	39.366	0.014	39.384	0.012
33.126	0.034	33.152	0.034	33.171	0.037	33.191	0.035	39.417	0.009	39.443	0.000	39.473	-0.001	39.496	-0.000
33.230	0.041	33.257	0.035	33.276	0.031	33.296	0.026	39.514	-0.007	39.567	-0.012	39.598	-0.009	39.617	-0.011
33.322	0.020	33.338	0.016	33.356	0.009	33.373	0.005	39.654	-0.005	39.683	-0.011	39.707	-0.010	39.728	-0.005
33.422	-0.004	33.432	-0.006	33.461	-0.008	33.495	-0.002	39.767	0.004	39.783	0.005	39.798	0.005	39.830	0.008
33.507	0.003	33.541	0.011	33.589	0.004	33.590	0.002	39.861	0.009	39.901	0.013	39.930	0.016	39.954	0.012
33.646	-0.009	33.677	-0.016	33.693	-0.014	33.737	-0.009	39.962	0.015	40.011	0.018	40.036	0.013	40.051	0.018
33.763	-0.003	33.793	-0.003	33.819	-0.005	33.855	-0.001	40.064	0.014	40.102	0.007	40.125	0.001	40.155	-0.011
33.878	0.001	33.899	0.004	33.935	0.015	33.975	0.020	40.158	-0.017	40.227	-0.019	40.244	-0.023	40.273	-0.023
34.004	0.027	34.035	0.017	34.037	0.017	34.081	0.000	40.302	-0.022	40.335	-0.029	40.352	-0.036	40.353	-0.047
34.089	0.000	34.115	-0.007	34.155	-0.016	34.211	-0.021	40.409	-0.056	40.430	-0.063	40.456	-0.067	40.483	-0.076
34.237	-0.022	34.279	-0.025	34.287	-0.025	34.315	-0.021	40.506	-0.073	40.512	-0.015	40.535	-0.070	40.555	-0.060
34.342	-0.017	34.375	-0.013	34.412	-0.013	34.436	-0.013	40.558	-0.045	40.622	-0.035	40.636	-0.008	40.676	-0.006
34.467	-0.016	34.488	-0.022	34.516	-0.026	34.542	-0.033	40.702	0.007	40.728	0.022	40.755	0.027	40.773	0.026
34.568	-0.039	34.597	-0.046	34.631	-0.055	34.670	-0.064	40.804	0.031	40.820	0.034	40.857	0.041	40.885	0.042
34.693	-0.064	34.717	-0.065	34.745	-0.060	34.782	-0.054	40.925	0.043	40.955	0.038	40.986	0.024	41.010	0.040
34.814	-0.049	34.845	-0.040	34.874	-0.033	34.915	-0.019	41.046	0.036	41.081	0.031	41.118	0.029	41.140	0.018
34.959	-0.014	34.957	-0.009	34.994	-0.001	35.025	-0.006	41.174	0.005	41.158	-0.001	41.224	-0.017	41.250	-0.028
35.056	0.012	35.085	0.017	35.111	0.010	35.126	0.009	41.258	-0.032	41.303	-0.031	41.333	-0.025	41.348	-0.022
35.152	-0.002	35.171	-0.011	35.207	-0.023	35.229	-0.032	41.365	-0.030	41.404	0.005	41.436	0.025	41.462	0.035
35.267	-0.037	35.288	-0.041	35.309	-0.037	35.327	-0.032	41.476	0.035	41.515	0.057	41.545	0.048	41.579	0.044
35.361	-0.018	35.379	-0.012	35.400	-0.002	35.437	0.007	41.602	0.037	41.618	0.035	41.650	0.026	41.675	0.019

41.655	0.005	41.721	0.001	41.738	-0.013	41.764	-0.027	48.606	0.014	48.632	0.015	48.650	0.013	48.687	0.017
41.783	-0.034	41.809	-0.041	41.839	-0.042	41.856	-0.042	48.738	0.028	48.778	0.032	48.804	0.021	48.834	0.017
41.885	-0.044	41.910	-0.044	41.930	-0.039	41.960	-0.034	48.852	0.013	48.883	0.009	48.926	0.008	48.937	0.001
41.979	-0.033	42.023	-0.031	42.053	-0.025	42.103	-0.015	48.970	-0.002	48.999	-0.011	49.042	-0.019	49.075	-0.025
42.132	-0.005	42.169	0.010	42.217	0.027	42.235	0.032	49.084	-0.025	49.129	-0.025	49.164	-0.024	49.202	-0.018
42.277	0.035	42.304	0.035	42.323	0.029	42.354	0.027	49.230	-0.017	49.267	-0.002	49.289	-0.006	49.330	0.003
42.353	0.022	42.425	0.021	42.452	0.014	42.490	0.010	49.357	0.006	49.390	0.009	49.445	0.004	49.461	0.007
42.522	0.008	42.556	0.008	42.587	0.016	42.603	0.016	49.500	0.008	49.560	0.012	49.580	0.006	49.616	0.009
42.639	0.024	42.675	0.017	42.702	0.008	42.741	-0.003	49.657	0.012	49.702	0.023	49.753	0.016	49.777	0.012
42.766	-0.010	42.790	-0.021	42.814	-0.021	42.840	-0.023	49.822	0.008	49.862	0.002	49.889	-0.005	49.915	-0.009
42.865	-0.017	42.894	-0.006	42.925	-0.005	42.954	0.004	49.955	-0.013	49.979	-0.014	50.010	-0.016	50.042	-0.011
42.973	0.014	43.001	0.023	43.043	0.023	43.056	0.026	50.070	-0.005	50.057	-0.002	50.141	0.006	50.180	0.016
43.093	0.030	43.124	0.037	43.138	0.040	43.176	0.045	50.204	0.017	50.251	0.015	50.250	0.014	50.323	0.020
43.208	0.040	43.239	0.033	43.261	0.030	43.294	0.029	50.374	-0.013	50.414	-0.000	50.438	-0.011	50.471	-0.027
43.320	0.025	43.352	0.030	43.371	0.027	43.415	0.039	50.503	-0.035	50.523	-0.046	50.546	-0.050	50.580	-0.052
43.448	0.043	43.476	0.050	43.504	0.053	43.535	0.041	50.628	-0.046	50.658	-0.042	50.702	-0.029	50.728	-0.028
43.563	0.040	43.593	0.028	43.612	0.023	43.645	0.016	50.763	-0.020	50.801	-0.009	50.828	-0.004	50.884	0.000
43.668	0.014	43.719	0.018	43.742	0.018	43.766	0.018	50.916	0.004	50.963	0.006	50.991	0.005	51.013	0.001
43.756	0.014	43.845	0.011	43.899	0.004	43.960	-0.003	51.062	0.002	51.089	0.006	51.134	0.001	51.164	0.001
43.983	-0.010	44.006	-0.017	44.038	-0.024	44.074	-0.024	51.205	0.008	51.250	0.010	51.290	0.008	51.308	0.002
44.110	-0.019	44.138	-0.019	44.164	-0.026	44.199	-0.024	51.341	-0.000	51.376	-0.010	51.397	-0.020	51.454	-0.028
44.241	-0.021	44.300	-0.016	44.341	-0.018	44.385	-0.023	51.469	-0.037	51.500	-0.035	51.542	-0.030	51.562	-0.027
44.413	-0.018	44.426	-0.025	44.473	-0.017	44.524	-0.023	51.601	-0.022	51.628	-0.023	51.663	-0.018	51.701	-0.007
44.560	-0.027	44.588	-0.031	44.612	-0.040	44.643	-0.049	51.721	-0.005	51.759	-0.008	51.792	-0.005	51.796	-0.010
44.670	-0.062	44.701	-0.071	44.729	-0.067	44.754	-0.071	51.847	-0.011						
44.775	-0.071	44.803	-0.068	44.826	-0.065	44.868	-0.054								
44.879	-0.051	44.926	-0.042	44.953	-0.035	44.982	-0.029								
45.016	-0.025	45.045	-0.018	45.084	-0.017	45.113	-0.012								
45.143	-0.013	45.164	-0.013	45.195	-0.003	45.216	-0.002								
45.246	0.006	45.279	0.016	45.309	0.016	45.327	0.017								
45.364	0.020	45.395	0.013	45.422	-0.005	45.451	-0.009								
45.477	-0.016	45.496	-0.020	45.518	-0.019	45.538	-0.024								
45.568	-0.021	45.581	-0.023	45.625	-0.014	45.660	-0.014								
45.689	-0.008	45.724	-0.022	45.753	-0.016	45.781	-0.016								
45.814	-0.020	45.858	-0.021	45.882	-0.023	45.898	-0.021								
45.914	-0.023	45.952	-0.022	45.983	-0.022	46.031	-0.009								
46.043	-0.016	46.075	-0.013	46.120	-0.015	46.149	-0.019								
46.184	-0.028	46.205	-0.018	46.238	-0.030	46.265	-0.025								
46.280	-0.024	46.312	-0.017	46.342	-0.016	46.375	-0.014								
46.404	-0.013	46.437	-0.015	46.469	-0.013	46.498	-0.014								
46.541	-0.014	46.583	-0.011	46.630	-0.013	46.688	-0.002								
46.733	0.010	46.742	0.013	46.787	0.025	46.801	0.032								
46.839	0.035	46.857	0.035	46.898	0.038	46.936	0.037								
46.965	0.030	47.010	0.026	47.037	0.026	47.074	0.024								
47.050	0.020	47.138	0.007	47.163	-0.002	47.195	-0.006								
47.222	-0.008	47.251	0.005	47.286	0.006	47.318	0.012								
47.344	0.015	47.371	0.020	47.406	0.021	47.449	0.023								
47.455	0.016	47.497	0.022	47.536	0.018	47.577	0.012								
47.610	0.011	47.631	0.009	47.667	0.012	47.699	0.011								
47.730	0.014	47.753	0.008	47.795	0.004	47.816	0.007								
47.849	0.013	47.885	0.017	47.909	0.020	47.936	0.011								
47.973	0.009	48.016	0.003	48.041	-0.003	48.065	-0.012								
48.108	-0.021	48.125	-0.027	48.153	-0.029	48.195	-0.023								
48.218	-0.020	48.237	-0.015	48.263	-0.007	48.296	0.002								
48.332	0.010	48.370	0.011	48.401	0.007	48.437	0.011								
48.474	0.010	48.502	0.013	48.543	0.012	48.574	0.008								
48.606	0.014	48.632	0.015	48.650	0.013	48.687	0.017								

72372

68.80 4/8/68 1830PST LONG BEACH TERMINAL ISLAND UP

1692 POINTS 51.885 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0133 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.00	0.000	0.030	-0.004	0.065	-0.013	0.085	-0.006	0.085	-0.006	5.359	0.007	5.403	0.013	5.441	0.007	5.471	0.002	5.500	0.008
0.01	-0.013	0.138	-0.001	0.168	0.001	0.192	0.004	0.192	0.004	5.500	0.008	5.526	0.013	5.556	0.002	5.581	-0.000	5.591	-0.000
0.02	0.019	0.246	0.009	0.269	0.010	0.290	0.017	0.290	0.017	5.634	-0.001	5.665	0.004	5.695	-0.000	5.726	-0.007	5.766	-0.007
0.03	0.325	0.345	0.006	0.360	0.002	0.385	0.009	0.385	0.009	5.759	-0.008	5.804	-0.010	5.837	-0.005	5.869	-0.009	5.905	-0.009
0.04	0.411	0.440	0.012	0.475	-0.002	0.501	-0.004	0.475	-0.002	5.905	-0.007	5.938	-0.023	5.974	-0.018	6.005	-0.004	6.041	-0.016
0.05	0.527	0.553	-0.010	0.586	-0.012	0.615	-0.007	0.615	-0.007	6.041	0.016	6.067	0.018	6.102	0.025	6.136	0.019	6.169	0.017
0.06	0.647	0.669	-0.004	0.690	-0.002	0.716	-0.006	0.716	-0.006	6.169	-0.017	6.200	0.017	6.233	0.008	6.271	-0.003	6.300	0.000
0.07	0.751	0.771	-0.004	0.796	-0.001	0.832	0.002	0.832	0.002	6.315	0.014	6.353	-0.006	6.390	-0.010	6.421	-0.010	6.452	-0.002
0.08	0.855	0.884	-0.000	0.932	0.005	0.939	0.009	0.939	0.009	6.452	-0.002	6.475	0.000	6.517	-0.006	6.551	-0.008	6.588	0.004
0.09	0.972	0.996	-0.001	1.031	0.009	1.069	0.007	1.069	0.007	6.588	0.004	6.627	0.009	6.672	0.017	6.715	0.013	6.744	0.018
0.10	1.091	1.124	0.012	1.153	0.008	1.179	0.006	1.179	0.006	6.744	0.018	6.764	0.014	6.800	0.014	6.837	0.015	6.870	0.015
0.11	1.228	1.262	0.002	1.285	0.004	1.312	0.002	1.312	0.002	6.941	0.005	7.006	-0.001	7.072	-0.007	7.113	-0.004	7.147	-0.011
0.12	1.340	1.388	-0.002	1.407	0.000	1.449	-0.002	1.449	-0.002	7.147	-0.011	7.176	-0.008	7.227	-0.002	7.245	-0.005	7.288	0.006
0.13	1.473	1.494	-0.004	1.516	-0.011	1.545	-0.016	1.545	-0.016	7.288	0.006	7.322	0.012	7.350	-0.002	7.375	-0.008	7.417	0.007
0.14	1.594	1.609	-0.013	1.642	0.001	1.702	0.003	1.702	0.003	7.417	0.007	7.446	0.000	7.473	0.003	7.510	0.007	7.544	0.003
0.15	1.721	1.751	0.006	1.766	0.008	1.794	0.003	1.794	0.003	7.544	0.003	7.591	-0.010	7.618	0.002	7.640	-0.002	7.675	-0.013
0.16	1.830	1.851	0.011	1.877	0.006	1.904	0.009	1.904	0.009	7.675	-0.013	7.705	-0.008	7.734	-0.010	7.766	-0.014	7.800	-0.007
0.17	1.922	1.953	0.006	1.981	0.009	2.017	0.007	2.017	0.007	7.800	-0.007	7.823	0.001	7.859	-0.001	7.895	-0.001	7.945	0.003
0.18	2.045	2.075	-0.005	2.109	-0.009	2.144	-0.011	2.144	-0.011	8.107	0.007	8.160	0.000	8.205	0.005	8.251	-0.004	8.292	0.003
0.19	2.170	2.210	-0.018	2.253	-0.020	2.290	-0.017	2.290	-0.017	8.292	0.003	8.330	-0.009	8.379	0.004	8.395	0.004	8.432	0.009
0.20	2.331	2.364	-0.007	2.399	0.000	2.432	0.006	2.432	0.006	8.432	0.009	8.485	0.002	8.529	-0.004	8.568	-0.010	8.600	-0.005
0.21	2.469	2.498	0.007	2.525	0.005	2.552	0.005	2.552	0.005	8.600	-0.005	8.641	-0.002	8.681	-0.004	8.718	-0.011	8.756	-0.013
0.22	2.585	2.610	-0.006	2.636	-0.008	2.671	-0.021	2.671	-0.021	8.756	-0.013	8.758	0.004	8.829	0.002	8.862	0.003	8.899	0.003
0.23	2.697	2.733	-0.008	2.761	-0.005	2.801	0.002	2.801	0.002	8.910	-0.004	8.938	0.004	8.975	0.002	9.006	0.000	9.041	0.008
0.24	2.838	2.866	-0.006	2.894	0.004	2.927	0.012	2.927	0.012	9.041	0.008	9.071	0.001	9.111	-0.005	9.146	-0.005	9.186	0.012
0.25	2.960	2.995	-0.001	3.031	-0.006	3.054	0.004	3.054	0.004	9.186	0.012	9.232	0.001	9.268	0.009	9.308	0.012	9.349	0.004
0.26	3.094	3.150	0.006	3.200	0.004	3.242	0.002	3.242	0.002	9.349	0.007	9.378	0.005	9.419	0.004	9.471	0.002	9.516	-0.005
0.27	3.275	3.343	0.003	3.343	-0.003	3.376	-0.001	3.376	-0.001	9.516	-0.005	9.558	-0.009	9.586	0.003	9.637	0.002	9.672	0.002
0.28	3.406	3.439	0.017	3.471	0.022	3.499	0.008	3.499	0.008	9.672	-0.002	9.705	-0.004	9.749	-0.008	9.786	-0.017	9.831	-0.005
0.29	3.538	3.578	0.009	3.610	0.009	3.641	0.005	3.641	0.005	9.831	-0.002	9.871	0.000	9.913	-0.001	9.949	0.004	9.999	0.000
0.30	3.691	3.740	-0.008	3.773	-0.001	3.815	-0.002	3.815	-0.002	10.154	-0.021	10.032	-0.003	10.083	0.004	10.167	-0.012	10.245	-0.014
0.31	3.877	3.916	-0.009	3.960	0.001	3.994	0.001	3.994	0.001	10.245	-0.014	10.155	-0.016	10.245	-0.014	10.288	-0.009	10.371	0.006
0.32	4.052	4.091	-0.006	4.135	0.007	4.186	0.011	4.186	0.011	10.371	0.006	10.437	0.006	10.403	0.006	10.437	-0.003	10.493	0.004
0.33	4.232	4.274	0.005	4.312	0.006	4.366	-0.002	4.366	-0.002	10.493	0.004	10.453	0.004	10.525	-0.005	10.561	-0.010	10.629	-0.003
0.34	4.412	4.451	-0.008	4.486	-0.009	4.518	-0.008	4.518	-0.008	10.629	-0.012	10.629	-0.003	10.658	-0.010	10.704	-0.008	10.759	-0.005
0.35	4.558	4.606	0.002	4.652	-0.001	4.701	0.008	4.701	0.008	10.759	-0.005	10.758	-0.003	10.799	-0.007	10.821	-0.002	10.871	-0.011
0.36	4.738	4.784	0.006	4.830	0.012	4.869	0.004	4.869	0.004	10.871	-0.011	10.871	-0.003	10.948	-0.011	10.974	-0.008	11.035	-0.005
0.37	4.912	4.948	-0.013	4.981	-0.012	5.035	-0.007	5.035	-0.007	11.035	-0.016	11.035	-0.003	11.064	-0.009	11.094	-0.008	11.128	-0.010
0.38	5.072	5.112	-0.008	5.146	-0.006	5.182	0.002	5.182	0.002	11.128	-0.010	11.135	-0.005	11.164	-0.009	11.194	-0.008	11.225	-0.006
0.39	5.221	5.256	-0.009	5.284	-0.001	5.324	0.004	5.324	0.004	11.225	-0.007	11.235	-0.004	11.264	-0.009	11.294	-0.008	11.325	-0.006

11.255	0.004	11.286	0.000	11.330	0.005	11.382	0.013	18.383	-0.016	18.415	-0.006	18.453	0.005	18.502	-0.001
11.428	0.016	11.470	0.011	11.456	0.016	11.523	0.012	18.523	-0.017	18.537	-0.017	18.567	-0.025	18.590	-0.041
11.552	0.007	11.580	-0.002	11.612	-0.020	11.639	-0.020	18.630	-0.031	18.664	-0.014	18.694	-0.004	18.722	-0.006
11.671	-0.010	11.706	-0.000	11.750	-0.002	11.800	0.003	18.759	0.002	18.774	0.003	18.814	-0.006	18.844	-0.004
11.840	0.006	11.864	0.008	11.892	0.018	11.924	0.026	18.867	0.007	18.915	0.017	18.940	0.008	18.953	-0.004
11.957	0.021	11.991	0.022	12.034	0.025	12.077	0.032	18.979	-0.006	19.011	0.009	19.029	-0.005	19.052	-0.010
12.101	0.040	12.132	0.033	12.166	0.019	12.196	0.010	19.078	-0.019	19.111	-0.026	19.142	-0.017	19.173	-0.005
12.226	0.013	12.262	0.011	12.292	-0.000	12.321	0.000	19.209	0.007	19.264	0.016	19.257	0.020	19.316	-0.013
12.366	-0.006	12.404	-0.005	12.439	-0.010	12.474	-0.004	19.351	0.004	19.382	-0.008	19.407	-0.011	19.446	-0.004
12.506	-0.004	12.535	0.004	12.567	-0.001	12.600	-0.007	19.461	-0.004	19.500	0.003	19.552	0.005	19.590	0.009
12.672	-0.011	12.672	-0.006	12.714	0.004	12.749	0.011	19.626	0.005	19.672	0.007	19.703	0.022	19.754	0.024
12.776	0.014	12.803	0.017	12.835	0.008	12.866	-0.004	19.753	0.008	19.825	0.010	19.839	0.010	19.889	0.006
12.890	0.001	12.916	-0.005	12.944	-0.017	12.968	-0.005	19.902	-0.001	19.933	0.011	19.975	0.011	20.017	0.009
12.996	0.003	13.016	0.001	13.040	-0.001	13.075	-0.003	20.064	0.012	20.086	0.006	20.112	-0.006	20.139	-0.003
13.100	-0.005	13.133	0.002	13.171	0.005	13.211	0.004	20.174	0.002	20.242	0.010	20.301	0.018	20.321	0.015
13.227	-0.001	13.252	0.007	13.292	0.015	13.322	0.015	20.354	0.001	20.380	0.002	20.414	0.011	20.465	0.005
13.363	0.007	13.402	-0.004	13.428	-0.018	13.459	-0.015	20.514	-0.002	20.550	0.001	20.597	-0.008	20.644	-0.008
13.490	-0.008	13.529	0.012	13.552	0.018	13.578	0.010	20.696	-0.013	20.729	-0.001	20.776	0.009	20.820	0.014
13.606	0.004	13.658	0.002	13.655	0.001	13.734	0.006	20.846	0.005	20.874	0.025	20.903	-0.032	20.944	0.019
13.751	-0.003	13.790	0.002	13.816	0.010	13.848	0.012	20.966	0.005	21.007	-0.003	21.030	-0.017	21.056	-0.033
13.873	0.017	13.913	0.020	13.936	0.011	13.975	-0.000	21.092	-0.049	21.119	-0.041	21.144	-0.022	21.167	-0.002
14.021	-0.004	14.045	-0.004	14.073	0.009	14.122	0.010	21.224	0.013	21.270	0.009	21.324	0.016	21.365	0.012
14.151	0.008	14.190	0.001	14.233	0.002	14.269	0.003	21.397	0.020	21.437	0.023	21.469	0.028	21.513	0.035
14.290	0.003	14.324	0.011	14.350	-0.003	14.383	-0.011	21.555	0.028	21.600	0.016	21.641	0.021	21.681	0.019
14.412	-0.008	14.446	-0.005	14.481	-0.004	14.508	-0.013	21.724	0.021	21.757	0.021	21.808	-0.021	21.882	0.019
14.528	0.002	14.556	0.005	14.570	0.012	14.590	0.005	21.911	0.019	21.957	0.008	21.987	-0.013	22.009	-0.015
14.618	0.002	14.648	0.000	14.688	0.008	14.714	0.011	22.024	-0.018	22.056	-0.010	22.104	-0.010	22.162	-0.007
14.759	0.020	14.790	0.018	14.811	0.012	14.833	0.024	22.211	-0.009	22.237	-0.011	22.262	-0.006	22.289	0.014
14.854	0.032	14.875	0.021	14.900	0.010	14.935	-0.001	22.339	0.017	22.357	0.001	22.414	-0.008	22.446	-0.003
14.961	0.002	14.992	0.013	15.018	0.016	15.043	0.012	22.478	0.002	22.510	0.000	22.535	-0.002	22.618	-0.003
15.062	0.008	15.100	0.009	15.139	0.000	15.181	-0.001	22.638	-0.003	22.640	-0.007	22.692	-0.002	22.724	0.000
15.230	-0.002	15.261	0.009	15.290	0.003	15.325	-0.013	22.756	0.005	22.797	0.003	22.824	-0.014	22.853	-0.023
15.360	-0.005	15.385	-0.004	15.424	-0.010	15.452	-0.014	22.869	-0.020	22.901	-0.016	22.930	-0.006	23.010	-0.001
15.490	-0.016	15.521	-0.010	15.547	0.000	15.583	0.001	23.025	0.013	23.072	0.018	23.076	0.011	23.115	0.002
15.623	-0.000	15.636	0.007	15.659	0.010	15.678	0.016	23.138	0.002	23.174	0.002	23.201	0.016	23.235	0.012
15.700	0.007	15.732	-0.004	15.760	-0.006	15.793	-0.005	23.282	0.002	23.309	-0.014	23.360	0.000	23.391	-0.013
15.832	-0.004	15.878	-0.005	15.921	-0.011	15.944	-0.017	23.428	-0.004	23.463	0.016	23.500	0.007	23.548	0.003
15.979	-0.028	16.006	-0.029	16.038	-0.024	16.066	-0.023	23.580	0.003	23.609	-0.006	23.639	0.006	23.679	0.035
16.102	-0.013	16.121	-0.007	16.156	-0.018	16.180	-0.013	23.726	0.031	23.760	0.019	23.795	0.010	23.817	-0.013
16.219	-0.007	16.240	-0.002	16.275	-0.001	16.302	-0.009	23.849	-0.008	23.889	-0.009	23.927	-0.002	23.978	0.006
16.338	-0.001	16.368	0.002	16.391	0.007	16.425	0.020	23.956	0.004	24.022	-0.005	24.055	-0.000	24.085	0.007
16.457	0.019	16.485	0.022	16.515	0.023	16.554	0.017	24.113	0.001	24.141	-0.006	24.177	-0.003	24.226	-0.009
16.590	0.015	16.629	0.023	16.666	0.024	16.707	0.033	24.259	0.003	24.263	0.001	24.291	-0.004	24.310	-0.011
16.756	0.036	16.803	0.035	16.842	0.031	16.885	0.018	24.352	0.002	24.393	0.009	24.443	0.019	24.476	0.020
16.927	-0.010	16.960	-0.035	16.990	-0.049	17.013	-0.046	24.517	0.016	24.555	0.023	24.605	0.028	24.630	0.038
17.033	-0.039	17.060	-0.024	17.080	-0.010	17.119	0.010	24.677	0.027	24.711	0.027	24.754	0.020	24.793	0.006
17.149	0.015	17.177	0.025	17.214	0.025	17.239	0.030	24.844	-0.000	24.903	-0.014	24.952	-0.004	24.966	-0.016
17.269	0.026	17.301	0.024	17.321	0.022	17.356	0.012	24.994	-0.015	25.028	-0.008	25.070	0.004	25.110	0.004
17.381	0.020	17.414	0.022	17.445	0.025	17.459	0.004	25.149	0.002	25.194	0.012	25.227	0.005	25.259	0.005
17.479	-0.005	17.509	-0.024	17.526	-0.028	17.553	-0.023	25.363	-0.004	25.341	-0.006	25.313	-0.020	25.411	-0.015
17.584	-0.013	17.620	-0.001	17.665	-0.000	17.682	-0.005	25.447	-0.017	25.484	-0.009	25.523	-0.026	25.556	-0.030
17.720	-0.007	17.764	-0.008	17.818	-0.017	17.835	-0.023	25.607	-0.016	25.655	-0.001	25.677	0.006	25.722	0.009
17.852	-0.018	17.876	-0.013	17.911	-0.022	17.945	-0.021	25.755	0.003	25.757	0.008	25.838	0.014	25.885	0.019
17.983	-0.008	18.044	0.005	18.057	0.008	18.094	0.011	25.948	0.017	25.948	0.004	25.989	-0.014	26.027	-0.025
18.126	-0.000	18.173	-0.004	18.187	-0.020	18.218	-0.015	26.035	-0.048	26.106	-0.042	26.141	-0.034	26.185	-0.026
18.260	-0.009	18.294	-0.003	18.326	-0.015	18.365	-0.014	26.220	-0.025	26.253	-0.015	26.314	-0.006	26.330	-0.006

26.382	0.004	26.431	0.017	26.458	0.017	26.502	0.011	33.139	0.001	33.166	-0.003	33.197	-0.007	33.212	-0.011
26.544	-0.002	26.579	-0.009	26.635	-0.004	26.667	-0.006	33.242	-0.016	33.275	-0.017	33.302	-0.020	33.317	-0.017
26.710	-0.006	26.746	0.011	26.802	0.021	26.860	0.012	33.356	-0.017	33.386	-0.019	33.415	-0.021	33.426	-0.016
26.874	0.012	26.941	0.001	26.975	-0.018	27.008	-0.036	33.444	-0.016	33.472	-0.010	33.501	-0.008	33.516	-0.002
27.046	-0.057	27.087	-0.049	27.151	-0.045	27.184	-0.038	33.562	-0.005	33.590	0.003	33.632	0.011	33.650	0.009
27.237	-0.025	27.280	-0.012	27.327	-0.006	27.360	-0.008	33.690	0.014	33.719	0.017	33.727	0.014	33.752	0.008
27.411	-0.016	27.457	-0.027	27.492	-0.028	27.530	-0.020	33.751	0.001	33.780	-0.001	33.833	-0.005	33.858	-0.004
27.562	-0.014	27.622	-0.006	27.663	-0.003	27.719	0.010	33.892	-0.006	33.916	-0.012	33.938	-0.014	33.964	-0.016
27.762	-0.007	27.813	0.003	27.851	0.002	27.902	0.005	33.970	-0.016	33.995	-0.011	34.032	-0.003	34.064	0.005
27.927	-0.004	27.970	-0.003	28.006	-0.002	28.051	0.004	34.087	0.001	34.092	0.001	34.129	-0.000	34.157	0.007
28.073	0.005	28.094	0.010	28.143	0.002	28.179	0.003	34.188	-0.008	34.212	-0.007	34.228	-0.009	34.261	-0.006
28.220	0.004	28.272	0.000	28.299	-0.002	28.323	-0.010	34.275	-0.006	34.313	-0.007	34.326	-0.004	34.356	-0.006
28.362	-0.004	28.408	0.002	28.461	0.003	28.500	0.009	34.373	-0.006	34.385	-0.005	34.408	-0.002	34.428	-0.004
28.537	0.010	28.594	-0.003	28.673	-0.001	28.729	0.009	34.455	-0.003	34.465	-0.010	34.502	-0.003	34.528	-0.002
28.758	0.003	28.843	0.006	28.879	0.016	28.916	0.012	34.561	-0.001	34.590	-0.006	34.622	-0.012	34.645	-0.016
28.962	0.001	28.997	0.004	29.052	0.002	29.108	0.005	34.665	-0.020	34.655	-0.020	34.715	-0.021	34.745	-0.016
29.173	-0.001	29.189	0.004	29.218	-0.010	29.249	-0.020	34.768	-0.015	34.812	-0.009	34.841	-0.002	34.859	-0.006
29.299	-0.021	29.329	-0.026	29.384	-0.013	29.409	-0.004	34.895	-0.000	34.914	0.000	34.937	0.003	34.974	0.014
29.446	0.006	29.496	0.016	29.521	0.021	29.567	0.012	34.967	0.015	35.012	0.024	35.046	0.039	35.073	0.035
29.597	0.006	29.622	0.013	29.680	-0.001	29.702	-0.000	35.106	0.034	35.132	0.027	35.140	0.027	35.163	0.023
29.742	0.002	29.768	-0.009	29.792	-0.012	29.830	-0.011	35.190	0.014	35.229	0.018	35.245	0.006	35.281	0.002
29.890	-0.008	29.950	-0.008	29.963	-0.015	30.000	-0.014	35.320	0.001	35.331	0.001	35.351	0.006	35.383	0.010
30.056	-0.027	30.098	-0.029	30.155	-0.033	30.216	-0.032	35.422	0.015	35.456	-0.016	35.474	0.010	35.500	0.005
30.268	-0.032	30.319	-0.033	30.378	-0.011	30.428	-0.005	35.531	0.009	35.544	0.011	35.577	0.005	35.586	0.005
30.453	-0.008	30.528	-0.012	30.560	-0.016	30.595	-0.016	35.624	0.009	35.645	-0.004	35.668	-0.000	35.700	-0.005
30.602	-0.020	30.622	-0.022	30.642	-0.019	30.660	-0.014	35.720	-0.004	35.772	-0.001	35.793	-0.006	35.799	-0.003
30.679	-0.009	30.699	-0.006	30.721	-0.005	30.732	-0.007	35.825	-0.001	35.858	-0.003	35.884	-0.000	35.936	0.005
30.747	-0.009	30.762	-0.006	30.789	-0.003	30.809	-0.005	35.951	0.001	35.976	-0.009	36.021	-0.013	36.053	-0.015
30.828	-0.005	30.844	-0.007	30.849	-0.007	30.866	-0.002	36.080	-0.011	36.096	-0.011	36.131	-0.020	36.155	-0.021
30.886	0.004	30.906	0.011	30.922	0.016	30.947	0.019	36.177	-0.021	36.206	-0.020	36.244	-0.021	36.270	-0.020
30.958	0.017	30.987	0.018	30.995	0.013	31.018	0.012	36.285	-0.020	36.310	-0.019	36.347	-0.020	36.382	-0.012
31.038	0.012	31.051	0.010	31.057	0.006	31.084	0.004	36.401	-0.005	36.422	0.003	36.461	0.011	36.484	0.016
31.110	0.004	31.122	0.002	31.136	-0.002	31.193	-0.006	36.518	0.002	36.550	0.022	36.571	0.023	36.602	0.019
31.176	-0.008	31.191	-0.010	31.209	-0.015	31.229	-0.017	36.623	0.014	36.646	0.010	36.665	0.008	36.658	0.004
31.245	-0.016	31.270	-0.016	31.278	-0.018	31.314	-0.015	36.711	0.002	36.737	0.000	36.764	0.006	36.792	0.006
31.329	-0.017	31.347	-0.014	31.375	-0.006	31.402	-0.003	36.836	0.004	36.867	0.002	36.888	0.000	36.912	-0.002
31.421	0.004	31.426	-0.003	31.454	-0.002	31.482	0.005	36.933	-0.004	36.965	-0.001	36.997	-0.005	37.021	-0.007
31.501	0.006	31.518	0.008	31.544	0.009	31.564	0.012	37.045	-0.009	37.077	-0.009	37.083	-0.009	37.106	-0.004
31.583	0.017	31.598	0.017	31.626	0.025	31.642	0.027	37.133	-0.003	37.164	-0.003	37.197	-0.002	37.228	0.000
31.662	0.023	31.680	0.024	31.695	0.019	31.724	0.015	37.239	0.003	37.273	0.006	37.307	0.011	37.332	0.014
31.735	0.013	31.752	0.013	31.771	0.018	31.796	0.019	37.368	0.015	37.390	0.010	37.406	0.008	37.433	0.004
31.816	0.019	31.840	0.020	31.862	0.023	31.894	0.023	37.453	-0.003	37.487	-0.002	37.507	-0.006	37.533	-0.008
31.918	0.021	31.936	0.015	31.962	0.003	31.979	-0.003	37.556	-0.010	37.577	-0.012	37.601	-0.009	37.625	-0.006
31.994	-0.010	32.010	-0.017	32.038	-0.016	32.055	-0.014	37.684	-0.012	37.684	-0.012	37.707	-0.011	37.736	-0.006
32.073	-0.011	32.098	-0.013	32.111	-0.015	32.123	-0.015	37.761	-0.010	37.786	-0.007	37.811	-0.009	37.832	-0.009
32.146	-0.012	32.152	-0.007	32.182	-0.002	32.204	-0.001	37.853	-0.008	37.901	-0.009	37.943	-0.015	37.981	-0.019
32.219	0.004	32.252	0.012	32.275	0.010	32.294	0.007	38.013	-0.008	38.040	-0.016	38.073	-0.017	38.087	-0.015
32.318	0.008	32.338	0.003	32.356	-0.001	32.369	-0.003	38.129	-0.012	38.160	-0.009	38.200	-0.005	38.226	-0.005
32.389	0.004	32.409	0.005	32.425	0.005	32.453	0.008	38.254	-0.005	38.260	-0.008	38.299	-0.017	38.321	-0.020
32.466	0.008	32.493	0.011	32.501	0.011	32.532	0.014	38.338	-0.022	38.367	-0.022	38.397	-0.025	38.426	-0.027
32.554	0.016	32.580	0.019	32.600	0.022	32.628	0.025	38.451	-0.033	38.451	-0.033	38.492	-0.029	38.528	-0.027
32.646	0.027	32.666	0.032	32.692	0.030	32.723	0.026	38.563	-0.033	38.584	-0.021	38.616	-0.019	38.643	-0.020
32.732	0.024	32.753	0.020	32.781	0.018	32.804	0.014	38.665	-0.020	38.695	-0.026	38.719	-0.026	38.741	-0.023
32.840	0.012	32.863	0.008	32.895	0.006	32.929	0.004	38.760	-0.026	38.788	-0.028	38.814	-0.025	38.852	-0.027
32.957	0.002	32.978	0.001	32.999	0.003	33.022	0.001	38.875	-0.026	38.896	-0.023	38.924	-0.013	38.961	-0.010
33.049	0.004	33.076	0.002	33.083	0.003	33.112	0.005	38.966	-0.010	39.016	-0.001	39.024	0.002	39.045	0.006

39.081	0.007	39.109	0.011	39.140	0.015	39.158	0.011	44.938	-0.001	44.956	-0.003	44.958	0.002	45.024	0.003
39.173	0.012	39.194	0.008	39.215	0.007	39.264	0.013	45.046	0.001	45.069	0.001	45.103	-0.001	45.107	-0.005
39.266	0.010	39.302	0.002	39.338	-0.000	39.366	0.003	45.156	-0.002	45.185	0.001	45.201	0.001	45.243	0.002
39.387	-0.002	39.418	-0.003	39.445	-0.005	39.476	-0.007	45.270	0.005	45.291	0.005	45.320	-0.001	45.339	-0.003
39.503	-0.007	39.520	-0.009	39.544	-0.008	39.587	-0.003	45.316	-0.010	45.420	-0.016	45.434	-0.021	45.465	-0.020
39.621	-0.008	39.644	-0.003	39.668	0.002	39.712	0.006	45.500	-0.015	45.526	-0.019	45.553	-0.014	45.584	-0.013
39.731	0.006	39.773	0.007	39.796	0.009	39.815	0.009	45.557	-0.020	45.634	-0.012	45.664	-0.016	45.698	-0.011
39.852	0.009	39.876	0.007	39.892	0.004	39.925	-0.003	45.727	-0.005	45.748	-0.007	45.780	-0.007	45.825	-0.004
39.958	-0.002	39.981	-0.004	40.002	-0.001	40.029	-0.006	45.857	0.004	45.877	0.007	45.896	0.003	45.922	0.008
40.058	-0.000	40.073	-0.005	40.113	-0.013	40.125	-0.013	45.931	0.008	45.966	0.013	45.989	0.014	46.014	0.012
40.162	-0.015	40.187	-0.014	40.210	-0.013	40.220	-0.016	46.041	0.015	46.067	0.018	46.083	0.018	46.108	0.016
40.255	-0.015	40.297	-0.014	40.331	-0.013	40.370	-0.015	46.132	0.014	46.169	0.020	46.175	0.018	46.202	0.018
40.389	-0.012	40.415	-0.006	40.441	-0.008	40.459	-0.008	46.226	0.019	46.254	0.024	46.279	0.027	46.319	0.029
40.473	-0.007	40.497	-0.009	40.510	-0.009	40.559	-0.005	46.335	0.032	46.372	0.037	46.392	0.038	46.430	0.043
40.575	-0.002	40.609	-0.006	40.643	-0.003	40.663	-0.005	46.453	0.041	46.481	0.044	46.502	0.042	46.532	0.045
40.693	-0.005	40.713	-0.000	40.745	-0.002	40.773	-0.006	46.556	0.050	46.581	0.045	46.607	0.046	46.634	0.046
40.805	-0.005	40.837	-0.003	40.868	-0.002	40.888	-0.002	46.659	0.042	46.685	0.037	46.710	0.035	46.735	0.031
40.899	-0.002	40.921	-0.001	40.957	0.002	40.989	0.004	46.769	0.024	46.797	0.013	46.819	0.011	46.829	0.008
41.008	0.007	41.021	0.005	41.060	0.012	41.095	0.013	46.864	0.002	46.896	-0.002	46.924	-0.004	46.939	-0.004
41.117	0.013	41.149	0.016	41.169	0.016	41.170	0.019	46.956	-0.004	46.956	-0.008	47.016	-0.008	47.052	-0.007
41.209	0.012	41.231	0.010	41.254	0.008	41.272	0.011	47.013	-0.007	47.099	-0.009	47.132	-0.010	47.151	-0.015
41.304	0.009	41.326	0.014	41.336	0.007	41.360	0.007	47.175	-0.019	47.212	-0.014	47.233	-0.018	47.257	-0.018
41.410	0.010	41.432	0.010	41.461	0.013	41.485	0.006	47.280	-0.020	47.289	-0.022	47.329	-0.019	47.364	-0.020
41.505	0.004	41.530	0.002	41.554	0.000	41.575	-0.004	47.380	-0.020	47.395	-0.020	47.419	-0.020	47.445	-0.026
41.556	-0.011	41.607	-0.009	41.641	-0.004	41.659	-0.006	47.466	-0.023	47.487	-0.021	47.515	-0.018	47.538	-0.015
41.693	-0.005	41.715	-0.005	41.741	-0.005	41.768	-0.002	47.562	-0.014	47.596	-0.014	47.614	-0.013	47.634	-0.015
41.794	0.001	41.828	0.001	41.857	0.004	41.881	0.004	47.661	-0.015	47.697	-0.012	47.723	-0.014	47.746	-0.018
41.905	0.007	41.932	0.012	41.963	0.012	41.997	0.008	47.779	-0.013	47.805	-0.010	47.824	-0.009	47.854	-0.006
42.030	0.010	42.053	0.011	42.091	0.014	42.117	0.011	47.886	-0.013	47.893	-0.013	47.935	-0.017	47.963	-0.018
42.140	0.014	42.151	0.014	42.181	0.015	42.207	0.015	47.975	-0.018	48.021	-0.020	48.059	-0.021	48.070	-0.021
42.230	0.013	42.255	0.016	42.289	0.011	42.307	0.007	48.103	-0.018	48.149	-0.015	48.189	-0.007	48.204	-0.006
42.326	0.002	42.350	0.000	42.387	-0.006	42.406	-0.011	48.235	-0.003	48.289	0.005	48.329	0.013	48.348	-0.013
42.434	-0.008	42.469	-0.007	42.489	-0.009	42.507	-0.009	48.373	0.016	48.416	0.008	48.442	-0.001	48.469	-0.005
42.528	-0.008	42.557	-0.008	42.579	-0.007	42.595	0.000	48.508	-0.004	48.535	-0.011	48.564	-0.015	48.586	-0.019
42.604	0.000	42.630	0.003	42.660	0.006	42.688	0.009	48.617	-0.024	48.645	-0.021	48.687	-0.020	48.723	-0.022
42.712	0.012	42.732	0.015	42.758	0.013	42.777	0.011	48.754	-0.021	48.782	-0.016	48.807	-0.011	48.835	-0.010
42.785	0.009	42.827	0.009	42.854	0.008	42.878	0.013	48.865	-0.010	48.890	0.003	48.927	0.001	48.973	0.011
42.910	0.004	42.934	0.010	42.955	0.010	42.979	0.006	49.004	0.018	49.029	0.016	49.055	0.019	49.094	0.022
43.002	0.006	43.020	0.007	43.039	0.007	43.067	0.013	49.118	0.022	49.145	0.017	49.175	0.015	49.197	0.011
43.091	0.008	43.117	0.009	43.140	0.007	43.154	0.005	49.225	0.016	49.249	0.019	49.275	0.014	49.298	0.012
43.182	0.003	43.206	-0.001	43.222	-0.003	43.251	-0.002	49.326	0.008	49.336	0.012	49.377	0.015	49.410	0.015
43.279	-0.004	43.306	-0.003	43.327	-0.005	43.357	0.000	49.444	0.016	49.454	0.011	49.532	0.007	49.548	0.012
43.374	0.003	43.387	0.001	43.422	0.006	43.446	0.009	49.583	0.007	49.612	0.010	49.644	0.003	49.674	0.001
43.466	0.010	43.482	0.010	43.509	0.008	43.532	0.009	49.652	0.006	49.711	0.001	49.735	-0.001	49.756	-0.001
43.558	0.007	43.587	0.003	43.599	0.003	43.619	0.001	49.778	-0.000	49.797	-0.000	49.858	0.000	49.882	-0.004
43.650	-0.001	43.683	-0.002	43.733	-0.003	43.762	-0.008	49.916	-0.004	49.930	-0.001	49.968	0.001	50.008	-0.003
43.779	-0.010	43.801	-0.009	43.847	-0.013	43.861	-0.015	50.024	-0.003	50.027	-0.003	50.071	-0.007	50.105	-0.006
43.888	-0.010	43.919	-0.009	43.945	-0.016	43.968	-0.011	50.132	-0.001	50.158	-0.001	50.197	-0.005	50.225	-0.011
43.959	-0.010	44.035	-0.009	44.058	-0.007	44.084	-0.004	50.247	-0.002	50.275	0.000	50.297	-0.002	50.331	-0.001
44.112	-0.003	44.140	-0.005	44.149	-0.007	44.180	-0.006	50.359	0.002	50.388	0.004	50.435	0.003	50.449	0.005
44.203	-0.008	44.220	-0.010	44.249	-0.015	44.279	-0.014	50.500	0.004	50.521	0.004	50.549	0.002	50.579	0.000
44.292	-0.014	44.333	-0.015	44.359	-0.022	44.370	-0.019	50.609	0.003	50.615	0.001	50.659	0.004	50.683	0.004
44.408	-0.016	44.417	-0.016	44.454	-0.015	44.500	-0.015	50.713	0.007	50.752	0.008	50.787	0.011	50.818	0.018
44.524	-0.007	44.560	-0.006	44.571	-0.006	44.610	-0.005	50.843	0.014	50.875	0.015	50.908	0.008	50.930	0.011
44.646	-0.002	44.683	0.001	44.714	-0.001	44.754	0.002	50.954	0.017	50.956	0.015	51.032	0.020	51.049	0.016
44.758	0.008	44.833	0.004	44.876	-0.000	44.903	-0.002	51.074	0.014	51.102	0.015	51.122	0.018	51.150	0.014

51.180	0.012	51.213	0.008	51.228	0.006	51.275	0.005
51.290	0.001	51.329	0.002	51.361	0.000	51.391	-0.001
51.412	-0.001	51.432	-0.002	51.460	0.001	51.472	-0.001
51.519	0.009	51.538	0.007	51.562	0.008	51.590	0.009
51.615	0.002	51.641	0.003	51.664	-0.004	51.688	-0.001
51.714	0.004	51.747	0.002	51.776	0.003	51.814	0.008
51.832	0.010	51.840	0.006	51.877	0.009	51.885	0.002

68-89 4/8/68 1830PST PASADENA JET PROPULSION LAB- BSM'T S82E

1690 POINTS 42.442 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0163 G/10.

[illegible]

7.729	-0.027	7.753	-0.023	7.784	-0.019	7.804	-0.013	13.212	0.006	13.238	0.006	13.265	0.008	13.293	0.002
7.828	-0.005	7.855	0.001	7.886	0.005	7.913	0.011	13.317	-0.008	13.341	-0.014	13.362	-0.014	13.387	0.010
7.938	0.013	7.969	0.015	7.996	0.007	8.021	-0.005	13.410	-0.004	13.440	-0.000	13.466	-0.004	13.487	-0.010
8.045	-0.013	8.068	-0.028	8.087	-0.042	8.099	-0.052	13.512	-0.016	13.536	-0.024	13.564	-0.024	13.583	-0.026
8.115	-0.058	8.135	-0.058	8.157	-0.046	8.182	-0.029	13.607	-0.022	13.625	-0.022	13.653	-0.020	13.676	-0.024
8.208	-0.015	8.233	-0.007	8.262	-0.005	8.284	-0.005	13.700	-0.024	13.724	-0.028	13.745	-0.010	13.765	0.000
8.316	-0.004	8.339	0.002	8.364	0.010	8.392	0.014	13.791	0.007	13.820	0.011	13.847	0.011	13.866	0.013
8.416	0.016	8.443	0.021	8.475	0.019	8.508	0.017	13.868	0.007	13.893	0.007	13.941	0.005	13.964	0.005
8.539	0.011	8.569	0.007	8.603	0.003	8.633	0.001	13.965	0.005	13.993	0.009	14.022	0.003	14.043	-0.005
8.660	-0.005	8.692	-0.009	8.723	-0.008	8.745	-0.004	14.067	-0.011	14.098	-0.015	14.119	-0.015	14.144	-0.011
8.767	0.004	8.788	0.012	8.812	0.016	8.835	0.024	14.167	-0.009	14.191	-0.003	14.212	0.005	14.243	0.009
8.859	0.033	8.883	0.029	8.912	0.021	8.930	0.013	14.264	0.009	14.288	0.009	14.325	0.007	14.348	0.011
8.954	0.005	8.978	0.009	8.996	-0.017	9.020	-0.025	14.378	0.009	14.404	0.005	14.433	-0.001	14.457	-0.011
9.048	-0.030	9.070	-0.027	9.090	-0.019	9.106	-0.015	14.482	-0.017	14.506	-0.026	14.530	-0.028	14.562	-0.030
9.133	-0.011	9.156	-0.017	9.177	-0.023	9.198	-0.023	14.551	-0.034	14.577	-0.038	14.644	-0.040	14.673	-0.042
9.225	-0.025	9.257	-0.027	9.270	-0.019	9.293	-0.015	14.596	-0.032	14.620	-0.022	14.739	-0.020	14.759	-0.014
9.317	-0.015	9.341	-0.013	9.361	-0.007	9.382	-0.003	14.765	-0.012	14.812	-0.015	14.841	-0.017	14.867	-0.011
9.403	0.005	9.427	0.015	9.448	0.021	9.471	0.025	14.881	-0.003	14.905	0.005	14.933	0.013	14.955	0.017
9.453	0.017	9.511	0.009	9.542	0.003	9.566	-0.001	14.985	0.011	15.015	0.005	15.043	0.005	15.070	0.005
9.590	-0.001	9.619	0.001	9.648	0.003	9.673	0.005	15.089	0.007	15.122	0.005	15.152	-0.001	15.178	-0.001
9.702	0.009	9.720	0.013	9.737	0.013	9.760	0.009	15.204	-0.003	15.231	0.003	15.254	0.013	15.278	0.023
9.781	0.001	9.807	-0.011	9.828	-0.019	9.852	-0.021	15.310	0.029	15.338	0.033	15.370	0.029	15.402	0.023
9.878	-0.025	9.900	-0.025	9.928	-0.027	9.950	-0.025	15.433	0.013	15.462	0.003	15.491	-0.003	15.515	-0.003
9.974	-0.021	10.000	-0.015	10.028	-0.009	10.052	-0.010	15.543	-0.009	15.565	-0.009	15.597	-0.007	15.618	-0.007
10.074	-0.006	10.099	-0.000	10.118	0.014	10.144	0.020	15.644	-0.013	15.671	-0.021	15.696	-0.021	15.727	-0.012
10.165	0.020	10.189	0.014	10.208	0.026	10.228	0.002	15.759	-0.018	15.791	-0.016	15.823	-0.020	15.850	-0.018
10.247	0.002	10.268	0.006	10.305	0.015	10.310	0.021	15.878	-0.006	15.905	-0.004	15.930	-0.000	15.958	0.006
10.337	0.025	10.363	0.025	10.389	0.025	10.403	0.029	15.991	0.008	16.022	0.012	16.052	0.016	16.086	0.018
10.423	0.035	10.449	0.037	10.474	0.035	10.490	0.031	16.121	0.020	16.145	0.020	16.174	0.020	16.200	0.016
10.515	0.021	10.536	0.011	10.550	-0.001	10.568	-0.009	16.226	0.008	16.251	-0.002	16.277	-0.014	16.305	-0.018
10.590	-0.011	10.608	-0.031	10.634	-0.011	10.660	-0.007	16.334	-0.024	16.363	-0.028	16.388	-0.030	16.410	-0.030
10.690	-0.005	10.716	-0.003	10.743	-0.005	10.768	-0.011	16.437	-0.032	16.467	-0.034	16.496	-0.032	16.520	-0.024
10.757	-0.013	10.830	-0.013	10.864	-0.021	10.892	-0.023	16.550	-0.017	16.571	-0.009	16.596	-0.001	16.623	0.003
10.917	-0.023	10.945	-0.019	10.974	-0.012	11.004	-0.012	16.645	0.007	16.669	0.009	16.693	0.003	16.718	0.001
11.032	-0.006	11.054	-0.004	11.078	-0.006	11.102	-0.008	16.753	0.003	16.782	0.004	16.812	0.002	16.844	-0.001
11.125	-0.012	11.151	-0.012	11.173	-0.008	11.212	-0.008	16.874	-0.002	16.903	-0.002	16.925	0.002	16.944	0.006
11.242	-0.012	11.270	-0.016	11.291	-0.022	11.316	-0.030	16.965	0.008	16.992	0.010	17.017	0.010	17.046	0.011
11.342	-0.034	11.369	-0.030	11.398	-0.028	11.425	-0.026	17.078	0.015	17.105	0.011	17.132	0.009	17.157	0.007
11.449	-0.019	11.470	-0.013	11.493	-0.007	11.523	-0.001	17.186	0.005	17.214	0.007	17.240	0.007	17.270	0.005
11.549	-0.001	11.578	0.003	11.606	0.003	11.635	0.001	17.256	0.005	17.285	0.005	17.352	0.006	17.379	0.008
11.659	0.003	11.682	0.005	11.706	0.009	11.728	0.013	17.407	0.010	17.431	0.008	17.452	0.006	17.475	-0.000
11.752	0.017	11.778	0.017	11.804	0.019	11.831	0.017	17.507	0.002	17.531	0.002	17.552	0.004	17.577	0.006
11.855	0.013	11.884	0.011	11.906	0.013	11.927	0.013	17.606	0.006	17.634	0.006	17.658	0.000	17.685	-0.004
11.951	0.011	11.975	0.005	12.000	-0.001	12.019	-0.007	17.713	-0.006	17.738	-0.008	17.767	-0.008	17.791	-0.007
12.043	-0.015	12.066	-0.019	12.091	-0.021	12.112	-0.019	17.822	-0.009	17.846	-0.011	17.867	-0.021	17.886	-0.029
12.141	-0.019	12.168	-0.013	12.189	-0.007	12.211	-0.001	17.907	-0.031	17.931	-0.029	17.954	-0.019	17.976	-0.011
12.232	0.003	12.251	0.007	12.275	0.003	12.296	-0.005	18.004	-0.009	18.029	-0.007	18.050	-0.007	18.079	-0.011
12.321	-0.011	12.342	-0.013	12.368	-0.013	12.387	-0.009	18.110	-0.010	18.131	-0.004	18.153	0.002	18.184	0.004
12.406	-0.011	12.430	-0.003	12.459	-0.005	12.483	0.007	18.216	0.006	18.254	0.010	18.278	0.014	18.312	0.012
12.513	0.007	12.540	0.002	12.564	0.002	12.583	-0.002	18.338	0.014	18.366	0.008	18.395	0.004	18.424	-0.002
12.606	-0.004	12.634	-0.004	12.661	0.002	12.695	0.000	18.457	0.001	18.486	0.003	18.516	0.001	18.548	-0.001
12.725	0.004	12.748	0.006	12.769	0.012	12.797	0.013	18.579	-0.007	18.608	-0.009	18.641	-0.011	18.665	-0.009
12.825	0.015	12.847	0.017	12.867	0.017	12.888	0.003	18.695	-0.005	18.726	-0.005	18.758	-0.007	18.790	-0.009
12.909	0.003	12.931	0.003	12.960	0.007	12.988	0.011	18.811	-0.011	18.838	-0.013	18.870	-0.011	18.901	-0.009
13.020	0.011	13.051	0.009	13.067	0.003	13.089	-0.005	18.933	-0.009	18.965	-0.005	18.997	-0.001	19.025	-0.011
13.114	-0.009	13.136	-0.008	13.162	-0.002	13.188	0.002	19.054	-0.011	19.083	-0.009	19.105	-0.003	19.133	-0.001

19.160	0.003	19.186	0.003	19.212	0.001	19.241	-0.005	25.250	0.026	25.268	0.030	25.289	0.026	25.320	0.022
19.263	-0.011	19.289	-0.013	19.312	-0.017	19.344	-0.017	25.346	0.018	25.370	0.013	25.399	0.014	25.425	0.012
19.377	-0.015	19.403	-0.011	19.436	-0.005	19.460	0.003	25.458	0.010	25.475	0.008	25.500	0.008	25.525	0.004
19.491	0.005	19.514	0.009	19.541	0.015	19.567	0.019	25.548	0.002	25.581	0.000	25.611	0.002	25.639	0.002
19.600	0.019	19.632	0.019	19.659	0.021	19.685	0.023	25.668	-0.006	25.694	-0.002	25.720	-0.016	25.747	-0.016
19.711	0.025	19.742	0.033	19.774	0.029	19.803	0.031	25.775	-0.016	25.806	0.018	25.831	-0.016	25.865	-0.016
19.834	0.025	19.862	0.015	19.888	0.007	19.918	-0.003	25.891	-0.016	25.917	-0.010	25.948	-0.008	25.975	-0.006
19.951	-0.007	19.980	-0.009	20.011	-0.009	20.041	-0.013	26.004	-0.006	26.036	-0.006	26.062	-0.003	26.088	-0.001
20.074	-0.019	20.106	-0.023	20.132	-0.028	20.161	-0.026	26.114	-0.003	26.141	-0.001	26.174	-0.003	26.201	0.001
20.184	-0.026	20.210	-0.022	20.242	-0.020	20.262	-0.020	26.230	0.007	26.258	0.009	26.279	0.011	26.303	0.011
20.285	-0.024	20.314	-0.026	20.344	-0.026	20.365	-0.024	26.330	0.015	26.359	0.015	26.391	0.015	26.417	0.017
20.391	-0.022	20.415	-0.020	20.441	-0.012	20.463	-0.012	26.444	-0.017	26.473	0.011	26.504	0.005	26.533	-0.001
20.486	-0.006	20.512	-0.004	20.539	0.002	20.565	0.002	26.565	-0.001	26.591	-0.005	26.618	-0.007	26.649	-0.005
20.591	0.006	20.617	0.008	20.651	0.010	20.675	0.006	26.678	-0.007	26.708	-0.005	26.735	-0.005	26.761	0.001
20.699	0.004	20.726	0.005	20.752	0.005	20.773	0.005	26.787	0.003	26.809	0.005	26.835	0.001	26.865	0.001
20.802	0.003	20.834	-0.001	20.857	-0.001	20.884	0.001	26.888	-0.004	26.913	-0.006	26.944	-0.008	26.971	-0.010
20.909	0.001	20.938	0.003	20.960	-0.001	20.986	-0.003	26.957	-0.010	27.029	-0.010	27.056	-0.006	27.085	-0.006
21.010	-0.005	21.041	-0.009	21.063	-0.013	21.089	-0.013	27.117	-0.006	27.148	-0.004	27.168	-0.006	27.194	-0.009
21.115	-0.013	21.140	-0.011	21.165	-0.009	21.190	-0.009	27.214	-0.009	27.235	-0.007	27.266	-0.007	27.291	-0.005
21.221	-0.007	21.247	-0.003	21.279	-0.003	21.306	-0.001	27.318	-0.003	27.349	0.001	27.376	0.003	27.400	0.005
21.337	-0.001	21.367	-0.000	21.396	-0.000	21.423	0.002	27.419	0.005	27.443	0.007	27.464	0.011	27.481	0.013
21.449	0.004	21.479	-0.000	21.510	0.002	21.534	0.004	27.504	0.015	27.523	0.015	27.553	0.015	27.584	0.017
21.563	-0.000	21.582	-0.000	21.603	-0.004	21.628	-0.008	27.611	0.015	27.641	0.013	27.662	0.011	27.684	0.009
21.657	-0.008	21.683	-0.008	21.710	-0.008	21.736	-0.004	27.715	0.011	27.745	0.007	27.766	0.005	27.795	0.001
21.761	-0.004	21.790	0.002	21.815	0.004	21.847	0.004	27.820	-0.003	27.847	-0.005	27.881	-0.007	27.913	-0.005
21.871	0.004	21.903	0.002	21.927	0.002	21.957	0.002	27.934	-0.005	27.961	-0.003	27.992	-0.003	28.022	-0.005
21.986	0.004	22.014	0.004	22.043	0.004	22.075	0.004	28.054	-0.005	28.086	-0.001	28.113	-0.001	28.147	0.001
22.106	0.002	22.135	-0.000	22.164	0.002	22.192	0.002	28.176	-0.001	28.205	-0.005	28.229	-0.003	28.256	-0.003
22.218	0.004	22.243	0.008	22.275	0.008	22.297	0.004	28.283	0.001	28.315	0.001	28.346	0.003	28.377	0.005
22.326	-0.000	22.351	-0.008	22.378	-0.008	22.403	-0.011	28.404	0.005	28.434	0.007	28.467	0.007	28.500	0.005
22.435	-0.013	22.462	-0.011	22.490	-0.013	22.519	-0.011	28.529	0.005	28.560	0.003	28.595	-0.001	28.624	-0.003
22.549	-0.005	22.573	-0.005	22.598	-0.001	22.627	0.000	28.655	-0.001	28.674	-0.003	28.700	-0.003	28.730	-0.005
22.655	0.002	22.684	0.008	22.714	0.008	22.741	0.012	28.758	-0.003	28.782	-0.001	28.808	0.001	28.835	0.001
22.765	0.012	22.796	0.010	22.827	0.008	22.859	0.005	28.867	-0.003	28.888	-0.007	28.915	-0.007	28.948	-0.009
22.884	0.001	22.913	-0.001	22.943	0.003	22.970	0.005	28.977	-0.007	29.006	-0.005	29.032	-0.003	29.056	0.001
22.957	0.007	23.021	0.011	23.050	0.011	23.082	0.004	29.078	0.005	29.102	0.003	29.135	0.005	29.167	0.005
23.111	0.002	23.141	0.000	23.166	-0.002	23.187	-0.010	29.191	0.003	29.225	0.003	29.252	0.005	29.280	0.005
23.217	-0.012	23.241	-0.018	23.267	-0.016	23.293	-0.014	29.307	0.009	29.335	0.007	29.359	0.007	29.385	0.007
23.318	-0.016	23.344	-0.014	23.373	-0.014	23.398	-0.014	29.419	0.007	29.450	0.007	29.481	0.003	29.508	0.001
23.423	-0.010	23.448	-0.006	23.476	-0.006	23.501	-0.000	29.543	-0.003	29.567	-0.005	29.594	-0.005	29.622	-0.005
23.524	-0.000	23.551	-0.004	23.578	-0.008	23.610	-0.010	29.650	-0.005	29.682	-0.010	29.711	-0.008	29.749	-0.008
23.641	-0.012	23.665	-0.010	23.687	-0.006	23.715	-0.002	29.774	-0.010	29.804	-0.010	29.833	-0.012	29.860	-0.010
23.742	-0.002	23.769	-0.002	23.800	-0.004	23.826	-0.006	29.863	-0.008	29.907	-0.008	29.933	-0.008	29.961	-0.002
23.853	-0.006	23.878	-0.002	23.899	-0.002	23.923	0.008	29.958	0.000	30.016	-0.002	30.045	0.000	30.073	0.000
23.952	0.010	23.983	0.012	24.014	0.008	24.041	0.008	30.100	0.000	30.126	-0.002	30.159	-0.001	30.196	0.001
24.073	0.006	24.104	0.008	24.133	0.008	24.162	0.008	30.222	-0.001	30.245	-0.005	30.280	-0.001	30.307	-0.003
24.188	0.007	24.214	0.003	24.240	-0.001	24.264	-0.005	30.337	-0.005	30.368	-0.007	30.390	-0.005	30.415	-0.007
24.294	-0.003	24.315	-0.003	24.339	0.003	24.367	0.007	30.441	-0.005	30.466	-0.005	30.498	-0.005	30.530	-0.009
24.353	0.009	24.424	0.007	24.451	0.007	24.485	0.007	30.565	-0.007	30.597	-0.011	30.632	-0.009	30.661	-0.011
24.518	0.005	24.546	0.003	24.572	0.002	24.594	0.002	30.685	-0.006	30.713	-0.006	30.734	-0.004	30.759	-0.002
24.625	-0.002	24.656	-0.008	24.689	-0.010	24.711	-0.010	30.788	-0.000	30.819	0.002	30.849	0.002	30.881	0.006
24.737	-0.012	24.765	-0.012	24.793	-0.014	24.815	-0.014	30.916	0.006	30.946	0.010	30.974	0.012	31.001	0.012
24.841	-0.012	24.864	-0.014	24.885	-0.014	24.911	-0.014	31.029	0.012	31.053	0.012	31.069	0.014	31.086	0.012
24.939	-0.014	24.966	-0.008	24.987	-0.002	25.013	-0.000	31.110	0.010	31.122	0.016	31.132	0.016	31.151	0.016
25.038	0.006	25.068	0.008	25.099	0.008	25.132	0.010	31.171	0.016	31.192	0.018	31.209	0.017	31.230	0.017
25.156	0.014	25.179	0.016	25.203	0.022	25.231	0.024	31.242	0.017	31.256	0.017	31.305	0.015	31.329	0.015

31.348	0.013	31.382	0.009	31.390	0.009	31.418	0.000	36.436	0.002	36.463	0.006	36.489	0.007
31.428	0.009	31.453	0.009	31.468	0.009	31.496	0.009	36.513	0.007	36.533	0.011	36.560	0.007
31.514	0.008	31.545	0.008	31.579	0.008	31.599	0.008	36.627	0.005	36.662	0.007	36.685	0.007
31.615	0.008	31.625	0.008	31.644	0.008	31.680	0.008	36.750	0.007	36.774	0.007	36.800	0.011
31.701	0.008	31.717	0.006	31.747	0.002	31.752	0.002	36.851	0.009	36.884	0.005	36.910	0.005
31.772	0.002	31.797	0.000	31.833	-0.004	31.840	-0.006	36.954	0.005	36.988	0.006	37.004	0.008
31.858	-0.008	31.885	-0.008	31.906	-0.008	31.935	-0.008	37.052	0.010	37.074	0.010	37.101	0.010
31.938	-0.008	31.954	-0.008	31.980	0.000	31.994	0.004	37.149	0.008	37.172	0.008	37.197	0.008
32.021	0.008	32.068	0.008	32.069	0.008	32.105	0.008	37.250	0.009	37.275	0.009	37.293	0.009
32.126	0.006	32.130	0.004	32.154	0.005	32.172	0.005	37.339	0.009	37.368	0.009	37.394	0.009
32.191	0.005	32.217	0.003	32.240	0.003	32.246	0.005	37.443	0.007	37.472	0.007	37.491	0.007
32.270	0.007	32.294	0.007	32.314	0.007	32.333	0.009	37.542	0.012	37.569	0.012	37.600	0.012
32.354	0.009	32.372	0.009	32.409	0.013	32.431	0.013	37.651	0.014	37.681	0.012	37.710	0.008
32.454	0.013	32.472	0.009	32.478	0.009	32.501	0.009	37.753	0.008	37.774	0.008	37.797	0.008
32.517	0.009	32.536	0.011	32.549	0.009	32.580	0.007	37.841	0.006	37.883	0.006	37.907	0.002
32.601	0.007	32.635	0.004	32.656	0.002	32.678	-0.000	37.957	0.002	37.980	0.004	38.015	0.008
32.694	-0.000	32.707	-0.000	32.728	-0.000	32.752	0.000	38.066	0.008	38.092	0.012	38.119	0.012
32.767	0.000	32.786	0.000	32.806	0.000	32.823	-0.006	38.159	0.014	38.190	0.014	38.219	0.017
32.856	-0.006	32.877	-0.006	32.904	-0.007	32.920	-0.007	38.272	0.021	38.295	0.019	38.326	0.021
32.941	-0.007	32.959	-0.007	32.982	-0.007	32.996	-0.007	38.376	0.021	38.396	0.021	38.415	0.021
33.019	-0.007	33.043	-0.007	33.063	-0.007	33.093	-0.006	38.458	0.021	38.478	0.021	38.500	0.019
33.122	-0.006	33.139	-0.004	33.176	-0.004	33.187	-0.004	38.537	0.019	38.560	0.013	38.584	0.013
33.154	-0.004	33.218	-0.002	33.241	0.000	33.263	0.005	38.626	0.014	38.642	0.014	38.665	0.014
33.304	0.005	33.315	0.005	33.338	0.007	33.357	0.007	38.713	0.014	38.725	0.014	38.745	0.014
33.381	0.011	33.406	0.011	33.422	0.013	33.448	0.014	38.787	0.008	38.801	0.008	38.816	0.009
33.495	0.014	33.522	0.014	33.537	0.012	33.558	0.012	38.848	0.009	38.864	0.009	38.884	0.009
33.571	0.012	33.603	0.012	33.621	0.014	33.642	0.014	38.922	0.009	38.942	0.009	38.967	0.010
33.648	0.014	33.671	0.014	33.698	0.015	33.721	0.015	39.006	0.010	39.024	0.010	39.041	0.012
33.739	0.015	33.765	0.015	33.791	0.015	33.828	0.013	39.077	0.012	39.098	0.010	39.119	0.008
33.840	0.009	33.873	0.005	33.905	0.005	33.923	0.002	39.162	0.009	39.178	0.007	39.202	0.007
33.956	0.001	33.969	0.002	33.987	0.002	34.021	0.002	39.251	0.007	39.283	0.007	39.297	0.008
34.029	0.004	34.051	0.004	34.074	0.006	34.098	0.006	39.341	0.006	39.360	0.008	39.388	0.008
34.126	0.006	34.143	0.006	34.177	0.006	34.200	0.006	39.433	0.007	39.452	0.007	39.471	0.005
34.214	0.005	34.232	0.005	34.248	0.005	34.280	0.003	39.517	0.005	39.538	0.005	39.563	0.005
34.290	0.003	34.311	0.003	34.327	0.003	34.349	0.003	39.612	0.006	39.631	0.008	39.652	0.010
34.365	0.003	34.391	0.003	34.425	0.003	34.446	0.003	39.702	0.013	39.731	0.013	39.749	0.013
34.465	0.001	34.486	-0.001	34.507	-0.001	34.529	-0.007	39.799	0.013	39.815	0.013	39.826	0.013
34.555	-0.007	34.582	-0.006	34.619	-0.006	34.624	-0.006	39.872	0.016	39.891	0.016	39.922	0.016
34.645	-0.004	34.676	-0.000	34.688	0.002	34.716	-0.000	39.969	0.018	39.990	0.018	40.002	0.018
34.756	-0.002	34.772	-0.002	34.756	-0.002	34.811	-0.006	40.049	0.015	40.073	0.013	40.101	0.009
34.838	-0.002	34.853	-0.002	34.878	0.000	34.909	0.004	40.136	0.009	40.162	0.007	40.188	0.007
34.941	0.000	34.970	0.000	34.984	0.002	35.018	0.003	40.234	0.005	40.261	0.012	40.284	0.014
35.026	0.003	35.047	0.003	35.075	0.003	35.113	0.003	40.338	0.012	40.360	0.012	40.386	0.012
35.129	0.007	35.160	0.009	35.179	0.011	35.205	0.014	40.442	0.012	40.465	0.012	40.492	0.012
35.229	0.016	35.261	0.016	35.274	0.016	35.312	0.018	40.540	0.012	40.565	0.012	40.591	0.012
35.340	0.018	35.351	0.018	35.386	0.018	35.397	0.021	40.643	0.012	40.665	0.012	40.695	0.014
35.418	0.023	35.442	0.023	35.469	0.017	35.504	0.015	40.758	0.016	40.785	0.016	40.808	0.014
35.532	0.012	35.551	0.010	35.578	0.008	35.604	0.006	40.851	0.014	40.877	0.014	40.902	0.014
35.623	0.006	35.645	0.007	35.666	0.007	35.693	0.007	40.963	0.016	40.978	0.016	41.000	0.016
35.717	0.009	35.738	0.012	35.764	0.014	35.799	0.014	41.037	0.016	41.061	0.016	41.085	0.016
35.837	0.014	35.840	0.014	35.861	0.014	35.890	0.015	41.145	0.016	41.172	0.016	41.201	0.016
35.928	0.015	35.942	0.015	35.960	0.015	35.979	0.015	41.254	0.016	41.280	0.016	41.300	0.016
36.006	0.009	36.023	0.009	36.076	0.003	36.079	0.005	41.360	0.008	41.385	0.008	41.409	0.008
36.106	0.005	36.125	0.005	36.151	0.006	36.176	0.004	41.462	0.008	41.491	0.008	41.511	0.008
36.213	0.002	36.232	-0.000	36.262	-0.002	36.284	-0.006	41.553	0.008	41.579	0.008	41.607	0.004
36.313	-0.006	36.347	-0.006	36.355	-0.006	36.380	-0.002	41.663	0.004	41.694	0.010	41.724	0.010

41.793	0.014	41.812	0.012	41.841	0.012	41.887	0.020
41.910	0.014	41.932	0.016	41.964	0.020	41.999	0.020
42.025	0.018	42.060	0.020	42.067	0.020	42.088	0.016
42.118	0.014	42.156	0.014	42.176	0.016	42.203	0.020
42.211	0.018	42.241	0.014	42.268	0.012	42.294	0.010
42.315	0.010	42.339	0.010	42.371	0.006	42.397	0.004
42.423	0.002	42.442	0.002				

1Y373

68.89 4/8/68 1830PST PASADENA JET PROPULSION LAB. BSM'T 508W

1605 POINTS 42.421 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0150 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.005	0.018	-0.005	0.027	-0.005	0.045	-0.005	3.584	-0.013	4.013	-0.015	4.034	-0.015	4.061	-0.015				
0.059	-0.003	0.079	0.001	0.096	0.003	0.117	0.005	4.083	-0.005	4.131	-0.001	4.157	0.003	4.187	0.009				
0.146	0.015	0.167	0.029	0.188	0.043	0.207	0.052	4.218	0.017	4.259	0.013	4.293	0.015	4.326	0.021				
0.223	0.058	0.240	0.068	0.257	0.074	0.278	0.076	4.354	0.025	4.375	0.025	4.399	0.019	4.423	0.019				
0.256	0.078	0.313	0.074	0.328	0.068	0.352	0.062	4.449	0.013	4.473	0.007	4.492	0.007	4.515	0.019				
0.362	0.052	0.388	0.041	0.407	0.027	0.430	0.017	4.539	-0.021	4.555	-0.023	4.575	-0.023	4.605	-0.023				
0.452	0.003	0.470	-0.009	0.491	-0.017	0.510	-0.017	4.625	-0.023	4.645	-0.021	4.670	-0.021	4.694	-0.025				
0.535	-0.019	0.554	-0.019	0.574	-0.023	0.595	-0.023	4.715	-0.017	4.738	-0.003	4.760	0.005	4.782	0.009				
0.621	-0.027	0.654	-0.035	0.675	-0.041	0.698	-0.047	4.821	0.009	4.849	0.005	4.875	0.005	4.903	0.021				
0.719	-0.051	0.742	-0.053	0.763	-0.055	0.788	-0.051	4.929	0.041	4.960	0.042	4.987	0.076	5.013	0.078				
0.809	-0.039	0.832	-0.027	0.858	-0.019	0.887	-0.011	5.038	0.070	5.064	0.060	5.088	0.041	5.116	0.027				
0.908	-0.001	0.933	0.005	0.952	0.009	0.980	0.019	5.147	0.023	5.176	0.021	5.198	0.033	5.224	0.029				
1.004	0.027	1.025	0.037	1.052	0.037	1.082	0.033	5.248	0.033	5.274	0.013	5.295	-0.007	5.320	-0.025				
1.107	0.025	1.135	0.021	1.167	0.021	1.198	0.025	5.344	-0.043	5.367	-0.051	5.390	-0.047	5.417	-0.039				
1.221	0.025	1.250	0.025	1.282	0.013	1.308	-0.001	5.445	-0.033	5.471	-0.019	5.497	-0.003	5.527	0.005				
1.324	-0.011	1.342	-0.021	1.363	-0.033	1.392	-0.043	5.552	0.005	5.578	0.001	5.604	-0.011	5.636	-0.021				
1.418	-0.047	1.440	-0.047	1.464	-0.045	1.486	-0.039	5.662	-0.015	5.693	-0.011	5.735	-0.007	5.766	0.005				
1.509	-0.029	1.528	-0.021	1.552	-0.011	1.578	-0.001	5.800	0.007	5.827	0.021	5.858	0.023	5.882	0.025				
1.598	0.009	1.624	0.013	1.645	0.009	1.667	0.001	5.910	0.012	5.935	0.012	5.966	0.002	5.995	0.008				
1.654	-0.003	1.721	-0.007	1.749	-0.008	1.779	0.000	6.032	0.002	6.064	-0.000	6.101	-0.008	6.139	-0.010				
1.803	0.016	1.830	0.026	1.857	0.026	1.878	0.014	6.168	-0.012	6.195	0.001	6.219	0.005	6.251	0.009				
1.903	0.004	1.931	-0.004	1.961	-0.004	1.985	-0.002	6.271	0.009	6.292	0.001	6.317	-0.009	6.343	-0.017				
2.005	0.010	2.039	0.024	2.064	0.028	2.091	0.030	6.366	-0.017	6.392	-0.019	6.426	-0.018	6.453	-0.008				
2.117	0.028	2.141	0.025	2.184	0.025	2.209	0.027	6.482	0.010	6.510	0.016	6.534	0.018	6.550	0.008				
2.243	0.043	2.279	0.061	2.313	0.053	2.337	0.031	6.570	-0.004	6.595	-0.016	6.615	-0.018	6.635	-0.018				
2.365	0.010	2.389	0.006	2.419	0.010	2.447	0.024	6.664	-0.016	6.685	-0.006	6.715	0.010	6.736	0.018				
2.479	0.030	2.499	0.026	2.523	0.006	2.550	-0.009	6.759	0.038	6.778	0.052	6.799	0.054	6.814	0.048				
2.513	-0.019	2.598	-0.023	2.620	-0.023	2.649	-0.017	6.835	0.040	6.863	0.028	6.884	0.022	6.903	0.004				
2.670	-0.007	2.695	0.007	2.721	0.015	2.748	0.017	6.923	0.020	6.942	0.014	6.965	0.006	6.994	-0.002				
2.772	0.016	2.796	0.016	2.823	0.020	2.850	0.028	7.020	-0.002	7.041	-0.002	7.067	-0.002	7.098	-0.002				
2.874	0.036	2.900	0.038	2.925	0.022	2.954	0.006	7.119	0.002	7.145	0.002	7.164	-0.002	7.185	-0.006				
2.981	-0.007	3.012	-0.025	3.036	-0.031	3.066	-0.027	7.205	-0.016	7.229	-0.022	7.250	-0.024	7.275	-0.022				
3.092	-0.017	3.116	-0.005	3.144	0.011	3.180	0.014	7.299	-0.014	7.325	0.001	7.348	0.021	7.369	0.033				
3.207	0.014	3.237	0.014	3.263	0.008	3.301	0.008	7.394	0.035	7.417	0.037	7.438	0.041	7.462	0.029				
3.333	0.008	3.364	0.010	3.397	0.010	3.423	0.020	7.486	0.017	7.513	0.007	7.534	0.005	7.558	0.003				
3.458	0.024	3.489	0.026	3.518	0.020	3.548	0.016	7.583	-0.001	7.612	0.003	7.637	0.001	7.666	-0.001				
3.579	0.004	3.611	-0.002	3.624	-0.000	3.646	0.002	7.650	-0.001	7.715	-0.001	7.745	-0.009	7.772	-0.007				
3.673	0.010	3.696	0.022	3.720	0.034	3.739	0.044	7.803	-0.005	7.834	-0.001	7.861	0.005	7.883	0.011				
3.766	0.048	3.795	0.039	3.814	0.033	3.840	0.013	7.910	0.023	7.937	0.031	7.960	0.019	7.984	0.005				
3.866	-0.003	3.893	-0.011	3.930	-0.013	3.952	-0.007	8.012	-0.001	8.035	-0.003	8.059	-0.003	8.083	-0.007				

8.105	-0.007	8.135	-0.009	8.166	-0.009	8.188	-0.007	13.483	-0.011	13.501	-0.003	13.524	C.003	13.545	0.003
8.213	-0.003	8.242	0.003	8.268	0.009	8.299	0.019	13.566	0.001	13.590	0.004	13.608	0.004	13.636	0.004
8.319	0.027	8.339	0.027	8.358	0.019	8.384	0.007	13.660	0.004	13.680	C.008	13.704	0.016	13.727	C.020
8.411	0.001	8.435	-0.005	8.461	-0.007	8.485	-0.007	13.761	0.028	13.775	0.018	13.800	C.029	13.826	0.005
8.512	-0.003	8.539	0.003	8.570	0.013	8.595	0.013	13.847	C.019	13.874	0.028	13.898	0.011	13.928	0.005
8.622	0.011	8.651	0.003	8.683	-0.005	8.704	-0.005	13.949	0.007	13.968	C.013	13.991	C.019	14.012	0.021
8.726	-0.001	8.749	0.019	8.779	0.031	8.806	0.033	14.033	0.015	14.049	0.005	14.081	-0.009	14.113	-0.007
8.827	0.031	8.856	0.025	8.880	0.015	8.909	0.017	14.139	-0.007	14.171	-0.009	14.191	-0.007	14.215	-0.009
8.943	0.029	8.975	0.033	9.001	0.031	9.018	0.017	14.243	-0.009	14.270	-0.007	14.293	-0.007	14.320	-0.003
9.044	-0.001	9.062	-0.021	9.076	-0.027	9.101	-0.031	14.348	-0.005	14.372	0.003	14.402	0.008	14.426	-0.004
9.128	-0.031	9.152	-0.031	9.178	-0.031	9.205	-0.031	14.454	C.012	14.485	0.004	14.510	-0.002	14.536	-0.004
9.233	-0.035	9.260	-0.037	9.281	-0.033	9.304	-0.031	14.564	-0.006	14.585	-0.010	14.615	-0.008	14.641	-0.012
9.333	-0.033	9.358	-0.025	9.375	-0.015	9.401	-0.003	14.673	-0.014	14.704	-0.014	14.726	-0.012	14.752	-0.014
9.431	0.009	9.464	0.013	9.494	0.015	9.517	0.017	14.778	-0.006	14.804	-0.002	14.834	0.004	14.854	0.010
9.544	0.021	9.565	0.023	9.591	0.017	9.616	0.011	14.862	0.010	14.886	0.008	14.902	0.004	14.926	-0.002
9.635	0.003	9.659	0.003	9.692	0.007	9.717	0.013	14.950	-0.007	14.976	-0.011	15.004	-0.011	15.034	-0.015
9.740	0.027	9.768	0.027	9.793	0.033	9.821	0.035	15.067	-0.011	15.097	-0.011	15.123	-0.011	15.158	-0.005
9.856	0.033	9.877	0.029	9.900	0.015	9.919	0.003	15.156	-0.001	15.215	0.007	15.239	0.011	15.258	0.011
9.942	-0.011	9.960	-0.021	9.981	-0.034	10.002	-0.044	15.283	C.003	15.317	-0.009	15.331	-0.017	15.349	-0.017
10.019	-0.054	10.045	-0.054	10.065	-0.050	10.086	-0.050	15.368	-0.009	15.394	-0.001	15.423	C.013	15.435	C.021
10.108	-0.050	10.123	-0.050	10.144	-0.050	10.166	-0.046	15.486	0.021	15.513	0.015	15.539	0.009	15.563	-0.005
10.186	-0.046	10.210	-0.042	10.229	-0.041	10.252	-0.043	15.588	C.005	15.618	C.011	15.641	C.011	15.679	C.009
10.273	-0.037	10.295	-0.021	10.318	-0.011	10.337	-0.003	15.657	0.007	15.725	0.001	15.746	-0.005	15.770	-0.003
10.355	-0.001	10.382	0.007	10.408	0.015	10.427	0.017	15.817	-0.003	15.836	-0.005	15.863	-0.009	15.897	-0.009
10.439	0.017	10.458	0.021	10.479	0.021	10.500	0.021	15.934	-0.009	15.974	-0.007	16.003	-0.007	16.032	0.003
10.522	0.024	10.547	0.030	10.571	0.044	10.592	0.052	16.077	C.017	16.091	0.019	16.118	C.019	16.141	0.011
10.608	0.062	10.640	0.066	10.650	0.052	10.671	0.044	16.166	C.001	16.186	C.001	16.207	C.001	16.243	C.011
10.688	C.030	10.709	0.020	10.742	0.012	10.763	0.012	16.269	0.017	16.284	0.015	16.316	C.019	16.335	C.019
10.752	0.002	10.813	-0.004	10.838	-0.008	10.859	-0.010	16.350	0.015	16.386	0.007	16.403	0.003	16.430	-0.003
10.800	-0.014	10.908	-0.021	10.928	-0.019	10.954	-0.023	16.457	-0.003	16.481	-0.013	16.507	-0.021	16.532	-0.027
10.980	-0.031	11.011	-0.035	11.044	-0.041	11.075	-0.043	16.553	C.003	16.575	0.023	16.595	-0.025	16.635	-0.017
11.102	-0.041	11.126	-0.041	11.154	-0.029	11.179	-0.021	16.659	-0.015	16.676	-0.011	16.695	-0.006	16.718	-0.002
11.213	-0.013	11.237	-0.001	11.265	0.011	11.300	0.017	16.741	C.004	16.765	C.002	16.786	C.002	16.811	-0.004
11.332	0.027	11.360	0.037	11.373	0.048	11.393	0.050	16.841	-0.008	16.860	-0.004	16.883	C.008	16.910	C.020
11.411	0.037	11.424	0.025	11.443	0.015	11.464	C.009	16.940	0.028	16.962	0.022	16.984	C.008	17.016	0.002
11.453	0.003	11.514	0.003	11.557	-0.003	11.583	-0.005	17.035	-0.002	17.066	-0.006	17.090	-0.001	17.117	0.001
11.608	-0.007	11.631	-0.007	11.658	-0.009	11.684	-0.009	17.148	0.009	17.163	0.009	17.188	0.003	17.220	-0.001
11.713	-0.009	11.729	-0.011	11.751	-0.011	11.770	-0.005	17.242	-0.007	17.269	-0.010	17.288	-0.006	17.306	-0.006
11.758	0.003	11.820	0.007	11.839	0.005	11.855	0.001	17.335	-0.006	17.367	-0.008	17.395	-0.004	17.424	-0.004
11.881	-0.007	11.903	-0.013	11.937	-0.011	11.970	-0.001	17.450	0.003	17.479	0.003	17.519	0.003	17.544	0.003
12.002	0.007	12.028	0.012	12.047	0.012	12.069	0.008	17.561	0.001	17.603	C.001	17.622	C.001	17.640	-0.004
12.095	0.004	12.117	0.002	12.141	0.004	12.165	0.006	17.664	0.002	17.693	-0.000	17.727	C.004	17.751	0.000
12.196	0.014	12.213	0.014	12.235	0.002	12.261	-0.006	17.783	-0.004	17.809	-0.004	17.838	-0.004	17.869	-0.001
12.285	-0.014	12.307	-0.018	12.333	-0.022	12.360	-0.016	17.899	-0.001	17.930	-0.001	17.946	-0.003	17.971	-0.003
12.387	-0.018	12.411	-0.014	12.430	-0.012	12.454	-0.010	17.996	0.003	18.034	0.005	18.055	C.009	18.074	C.009
12.478	-0.010	12.497	-0.014	12.523	-0.018	12.555	-0.030	18.095	C.009	18.111	0.009	18.137	0.009	18.156	C.005
12.579	-0.040	12.597	-0.036	12.620	-0.032	12.638	-0.017	18.180	0.003	18.197	0.001	18.221	C.001	18.240	-0.005
12.659	-0.009	12.678	0.001	12.697	0.009	12.721	0.013	18.259	-0.005	18.279	-0.005	18.286	-0.007	18.324	-0.011
12.740	0.017	12.764	0.013	12.790	0.013	12.811	0.013	18.341	-0.011	18.364	-0.013	18.386	-0.017	18.402	-0.017
12.827	0.019	12.858	0.021	12.889	0.029	12.910	0.025	18.421	-0.015	18.440	-0.011	18.461	-0.003	18.490	0.003
12.934	-0.023	12.957	0.011	12.984	0.001	13.005	-0.007	18.515	0.011	18.536	0.013	18.552	C.013	18.579	0.011
13.023	-0.007	13.044	-0.007	13.067	-0.004	13.091	-0.004	18.592	C.009	18.616	0.009	18.643	0.017	18.675	0.023
13.113	-0.004	13.141	-0.000	13.167	-0.000	13.194	-0.002	18.699	0.027	18.726	-0.027	18.739	0.021	18.765	0.013
13.223	-0.006	13.249	-0.008	13.265	-0.008	13.291	-0.012	18.790	0.005	18.813	-0.003	18.840	-0.003	18.862	-0.009
13.313	-0.014	13.334	-0.016	13.352	-0.016	13.378	-0.015	18.868	-0.009	18.917	-0.011	18.949	-0.011	18.964	-0.011
13.399	-0.015	13.420	-0.015	13.443	-0.013	13.459	-0.013	18.988	-0.011	19.004	-0.011	19.030	-0.011	19.068	-0.009

* 31.307	0.005	31.340	0.005	31.370	0.005	31.397	0.003	37.627	-0.007	37.653	-0.007	37.688	-0.005	37.723	-0.003
31.427	0.006	31.457	0.004	31.483	0.004	31.510	0.004	37.755	-0.003	37.786	-0.001	37.813	0.003	37.846	0.006
31.534	0.004	31.562	0.004	31.589	0.004	31.619	0.002	37.879	0.006	37.904	0.010	37.935	0.010	37.954	0.010
31.648	0.003	31.673	0.001	31.705	0.003	31.734	-0.001	37.983	0.004	38.005	0.002	38.036	0.000	38.063	-0.001
31.761	-0.003	31.788	-0.003	31.821	-0.001	31.851	0.001	38.092	-0.003	38.119	-0.001	38.151	0.001	38.184	0.001
31.879	0.001	31.904	0.001	31.932	-0.001	31.962	-0.003	38.211	0.003	38.236	-0.001	38.262	-0.000	38.291	0.002
31.989	-0.005	32.015	-0.009	32.047	-0.011	32.074	-0.009	38.323	-0.000	38.360	-0.002	38.386	-0.004	38.418	0.002
32.057	-0.009	32.123	-0.005	32.147	-0.011	32.169	-0.009	38.447	0.000	38.473	0.001	38.499	0.001	38.521	0.001
32.193	-0.005	32.214	-0.005	32.236	-0.005	32.261	-0.006	38.544	0.003	38.569	0.003	38.598	0.007	38.621	0.005
32.283	-0.004	32.306	-0.006	32.326	-0.004	32.358	-0.006	38.645	0.007	38.671	0.007	38.695	0.005	38.721	0.010
32.388	-0.004	32.418	-0.002	32.442	-0.002	32.465	-0.002	38.745	0.006	38.771	0.006	38.796	0.006	38.825	0.004
32.489	-0.004	32.517	-0.008	32.538	-0.008	32.565	-0.010	38.851	0.004	38.880	0.004	38.906	-0.002	38.929	-0.002
32.591	-0.010	32.620	-0.012	32.649	-0.012	32.678	-0.012	38.954	-0.004	38.982	0.000	39.009	-0.002	39.038	-0.002
32.702	-0.008	32.736	-0.006	32.767	-0.008	32.796	-0.006	39.073	-0.002	39.104	-0.004	39.136	-0.004	39.168	-0.004
32.826	-0.008	32.863	-0.008	32.888	-0.010	32.910	-0.010	39.201	-0.002	39.233	-0.002	39.265	-0.002	39.292	0.002
32.946	-0.014	32.973	-0.014	32.999	-0.014	33.023	-0.018	39.323	0.000	39.350	0.000	39.379	0.000	39.408	0.004
33.056	-0.017	33.083	-0.017	33.112	-0.017	33.137	-0.013	39.433	0.004	39.457	0.000	39.483	0.004	39.507	0.004
33.161	-0.013	33.188	-0.013	33.214	-0.011	33.240	-0.007	39.534	0.002	39.560	0.002	39.591	-0.001	39.621	-0.003
33.266	-0.009	33.289	-0.009	33.310	-0.003	33.334	-0.005	39.653	-0.003	39.678	-0.001	39.703	0.001	39.732	0.003
33.360	-0.003	33.389	-0.003	33.420	-0.003	33.444	-0.005	39.760	0.005	39.794	0.005	39.818	0.005	39.855	0.003
33.470	-0.005	33.497	-0.007	33.523	-0.009	33.555	-0.009	39.884	0.003	39.908	-0.001	39.936	-0.003	39.962	-0.005
33.583	-0.007	33.606	-0.005	33.633	-0.005	33.666	-0.003	39.988	-0.009	40.014	-0.004	40.042	-0.004	40.071	-0.004
33.693	-0.005	33.719	-0.007	33.742	-0.002	33.767	-0.000	40.100	-0.004	40.132	-0.004	40.163	-0.002	40.194	-0.004
33.793	-0.000	33.821	0.006	33.845	0.008	33.871	0.008	40.220	-0.004	40.248	-0.004	40.274	-0.004	40.303	-0.003
33.894	0.008	33.922	0.008	33.945	0.006	33.969	0.004	40.327	-0.005	40.356	-0.001	40.389	-0.001	40.421	-0.001
33.993	-0.002	34.021	-0.004	34.046	-0.004	34.067	-0.004	40.455	0.001	40.486	0.001	40.520	0.003	40.554	0.001
34.092	-0.002	34.117	-0.002	34.148	0.000	34.175	0.000	40.585	0.001	40.618	0.001	40.647	0.001	40.684	0.001
34.199	0.001	34.225	0.001	34.251	0.001	34.283	-0.001	40.713	0.001	40.741	0.003	40.772	0.003	40.799	-0.001
34.311	-0.001	34.336	-0.001	34.357	-0.003	34.381	-0.009	40.830	-0.001	40.855	-0.002	40.893	-0.006	40.920	-0.006
34.407	-0.007	34.433	-0.011	34.460	-0.011	34.491	-0.010	40.949	-0.004	40.981	-0.004	41.009	-0.004	41.035	-0.001
34.516	-0.010	34.547	-0.010	34.576	-0.010	34.602	-0.006	41.071	-0.001	41.103	-0.003	41.134	-0.004	41.167	-0.004
34.631	-0.008	34.656	-0.006	34.687	-0.002	34.717	0.001	41.200	-0.008	41.228	-0.010	41.273	-0.006	41.314	-0.008
34.748	-0.003	34.785	-0.003	34.814	0.003	34.846	0.003	41.359	-0.008	41.370	-0.010	41.390	-0.008	41.424	-0.008
34.877	-0.003	34.914	-0.001	34.952	-0.002	34.984	-0.002	41.456	-0.006	41.486	-0.006	41.515	-0.006	41.547	-0.004
35.012	-0.004	35.034	-0.006	35.063	-0.006	35.089	-0.004	41.582	-0.001	41.614	-0.003	41.640	-0.003	41.670	-0.005
35.115	0.000	35.142	-0.002	35.173	0.000	35.198	0.000	41.701	-0.003	41.725	0.001	41.757	-0.001	41.785	-0.001
35.224	-0.001	35.248	-0.003	35.274	-0.003	35.300	-0.001	41.827	-0.001	41.857	0.001	41.886	0.001	41.920	-0.003
35.326	-0.001	35.348	-0.003	35.375	-0.003	35.407	-0.001	41.953	-0.005	41.993	-0.006	42.037	-0.004	42.070	-0.006
35.438	-0.003	35.465	-0.001	35.498	-0.001	35.532	-0.001	42.105	-0.004	42.142	-0.004	42.179	-0.006	42.211	-0.008
35.562	-0.000	35.598	-0.002	35.636	-0.004	35.665	-0.004	42.243	-0.010	42.270	-0.008	42.301	-0.008	42.331	-0.008
35.689	-0.004	35.718	-0.008	35.750	-0.006	35.775	-0.002	42.350	-0.006	42.375	-0.002	42.391	-0.004	42.408	-0.006
35.802	-0.000	35.833	0.002	35.860	0.006	35.889	0.008	42.421	-0.006						
35.917	0.010	35.952	0.004	35.986	0.002	36.018	-0.002								
36.048	-0.002	36.075	-0.004	36.105	-0.006	36.132	-0.008								
36.163	-0.010	36.194	-0.008	36.226	-0.007	36.260	-0.007								
36.292	-0.007	36.328	-0.005	36.360	-0.011	36.392	-0.009								
36.419	-0.005	36.449	-0.009	36.481	-0.009	36.513	-0.007								
36.540	-0.005	36.572	-0.005	36.603	-0.007	36.631	-0.009								
36.663	-0.010	36.697	-0.008	36.722	-0.010	36.752	-0.012								
36.778	-0.010	36.810	-0.006	36.847	-0.004	36.874	-0.003								
36.904	-0.003	36.941	-0.003	36.966	-0.005	36.997	-0.007								
37.020	-0.013	37.054	-0.015	37.083	-0.012	37.121	-0.012								
37.145	-0.010	37.175	-0.008	37.210	-0.010	37.236	-0.006								
37.270	-0.001	37.305	-0.005	37.333	-0.003	37.360	-0.005								
37.396	-0.005	37.426	-0.006	37.461	-0.008	37.485	-0.004								
37.516	-0.004	37.548	-0.004	37.579	-0.008	37.600	-0.008								
37.627	-0.007	37.653	-0.005	37.688	-0.005	37.723	-0.003								

IY373

68-89 4/8/68 1830PST PASADENA JET PROPULSION LAB. BSM* T DCWN

1830 POINTS 42.502 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANECUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0106 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.006	0.018	0.006	0.035	0.006	0.055	0.006	3.082	-0.026	3.104	-0.032	3.122	-0.032	3.137	-0.032
0.068	0.006	0.080	0.006	0.106	0.006	0.121	0.006	3.156	-0.030	3.177	-0.026	3.157	-0.016	3.223	-0.008
0.141	0.005	0.154	0.007	0.174	0.012	0.186	0.014	3.244	0.003	3.265	-0.002	3.284	-0.004	3.306	0.004
0.199	0.013	0.212	0.011	0.235	0.009	0.257	0.005	3.325	0.002	3.352	-0.002	3.372	-0.002	3.389	-0.002
0.273	0.005	0.288	0.005	0.305	0.003	0.331	0.003	3.412	0.004	3.425	-0.012	3.449	0.024	3.476	0.026
0.350	0.003	0.383	0.001	0.399	0.003	0.421	0.005	3.503	0.022	3.529	-0.012	3.550	0.006	3.575	-0.000
0.442	0.009	0.455	0.007	0.469	0.007	0.484	0.007	3.601	-0.004	3.627	-0.009	3.649	-0.013	3.680	-0.015
0.501	0.006	0.515	0.006	0.528	0.006	0.546	0.006	3.704	-0.019	3.742	-0.019	3.742	-0.019	3.755	-0.015
0.561	0.006	0.579	0.006	0.595	0.006	0.613	0.006	3.776	-0.017	3.795	-0.017	3.816	-0.013	3.834	-0.013
0.626	0.006	0.643	0.004	0.657	0.004	0.678	0.000	3.859	-0.006	3.883	-0.002	3.914	0.012	3.936	0.020
0.692	-0.002	0.709	-0.006	0.724	-0.011	0.739	-0.011	3.962	0.022	3.987	0.024	4.007	0.022	4.027	0.022
0.752	-0.011	0.770	-0.009	0.783	-0.004	0.799	-0.002	4.051	0.022	4.072	0.020	4.096	0.006	4.117	-0.005
0.814	0.004	0.837	0.010	0.860	0.016	0.881	0.016	4.136	-0.031	4.160	-0.041	4.186	-0.045	4.208	-0.039
0.908	0.012	0.928	0.006	0.950	0.002	0.970	-0.000	4.231	-0.027	4.251	-0.015	4.277	-0.004	4.301	-0.002
0.992	-0.004	1.010	-0.006	1.035	-0.002	1.057	0.008	4.325	-0.004	4.347	-0.002	4.375	-0.000	4.404	0.004
1.082	0.012	1.106	0.016	1.125	0.014	1.148	0.004	4.429	0.012	4.450	0.020	4.473	0.026	4.488	0.026
1.163	-0.000	1.180	-0.004	1.198	-0.009	1.219	-0.015	4.513	0.022	4.531	0.022	4.557	0.016	4.583	0.006
1.239	-0.021	1.258	-0.023	1.281	-0.021	1.300	-0.013	4.600	-0.002	4.618	-0.021	4.642	-0.027	4.667	-0.035
1.309	-0.009	1.350	-0.009	1.371	-0.004	1.389	-0.004	4.684	-0.031	4.712	-0.033	4.734	-0.033	4.758	-0.027
1.410	-0.006	1.426	-0.006	1.443	-0.006	1.466	-0.013	4.764	-0.019	4.808	-0.015	4.831	-0.013	4.847	-0.015
1.486	-0.015	1.506	-0.015	1.526	-0.015	1.550	-0.013	4.863	-0.023	4.888	-0.025	4.906	-0.017	4.937	-0.002
1.578	-0.006	1.603	-0.002	1.630	0.002	1.653	0.004	4.966	0.008	4.990	0.014	5.005	0.014	5.026	0.014
1.673	0.006	1.696	0.010	1.715	0.010	1.734	0.010	5.056	0.020	5.075	0.016	5.086	0.016	5.116	0.008
1.755	0.010	1.776	0.010	1.795	0.012	1.821	0.006	5.136	-0.004	5.155	-0.013	5.180	-0.027	5.207	-0.033
1.840	0.002	1.860	-0.004												

6.740	-0.009	6.756	-0.011	6.772	-0.015	6.791	-0.013	11.895	0.016	11.914	0.005	11.935	-0.003	11.956	-0.001
6.811	-0.013	6.833	-0.013	6.854	-0.019	6.877	-0.021	11.985	-0.007	12.009	-0.005	12.023	-0.005	12.037	-0.007
6.895	-0.023	6.918	-0.023	6.937	-0.009	6.957	0.003	12.063	-0.007	12.087	-0.007	12.114	-0.003	12.140	0.003
6.979	0.014	7.005	0.022	7.038	0.026	7.067	0.026	12.164	0.009	12.184	0.013	12.207	0.009	12.228	0.005
7.093	0.022	7.116	0.020	7.145	0.016	7.171	0.006	12.245	-0.002	12.267	-0.004	12.282	-0.004	12.299	-0.004
7.206	-0.011	7.236	-0.029	7.263	-0.041	7.288	-0.041	12.319	-0.004	12.338	-0.000	12.373	-0.002	12.389	0.000
7.310	-0.037	7.338	-0.031	7.362	-0.021	7.381	-0.011	12.406	-0.002	12.427	-0.002	12.443	-0.002	12.470	0.004
7.404	0.002	7.426	0.006	7.454	0.010	7.478	0.012	12.493	-0.002	12.512	0.000	12.536	0.004	12.558	0.005
7.507	0.014	7.537	0.016	7.555	0.024	7.583	0.022	12.582	0.009	12.601	-0.008	12.633	-0.007	12.638	0.005
7.623	0.020	7.653	0.012	7.645	0.006	7.665	0.001	12.659	0.001	12.681	-0.008	12.702	-0.018	12.721	0.020
7.684	0.003	7.706	0.001	7.732	0.003	7.756	0.005	12.742	-0.020	12.766	-0.012	12.790	-0.005	12.812	-0.001
7.776	0.009	7.800	0.014	7.826	0.007	7.846	0.001	12.835	0.004	12.855	0.003	12.876	-0.002	12.904	0.006
7.862	0.001	7.880	0.001	7.898	-0.001	7.917	0.001	12.915	0.004	12.946	0.002	12.952	-0.002	12.976	-0.004
7.937	0.007	7.960	0.022	7.985	0.024	8.006	0.017	12.956	-0.006	13.028	-0.010	13.049	-0.010	13.073	-0.010
8.027	0.011	8.057	0.005	8.100	-0.005	8.110	-0.007	13.088	-0.008	13.105	-0.006	13.125	-0.014	13.141	-0.012
8.129	-0.020	8.154	-0.022	8.185	-0.024	8.197	-0.016	13.167	-0.007	13.186	-0.007	13.220	-0.001	13.236	0.001
8.225	-0.012	8.244	-0.006	8.266	-0.008	8.287	-0.012	13.257	0.003	13.288	0.011	13.312	0.013	13.341	0.011
8.312	-0.018	8.336	-0.022	8.376	-0.028	8.382	-0.028	13.357	0.009	13.383	0.007	13.407	0.012	13.430	0.016
8.394	-0.028	8.406	-0.020	8.430	-0.010	8.451	-0.002	13.456	0.012	13.480	0.004	13.493	-0.004	13.514	-0.006
8.478	0.010	8.496	0.018	8.518	0.018	8.544	0.012	13.540	-0.015	13.568	-0.011	13.587	-0.004	13.620	-0.002
8.571	0.006	8.589	-0.000	8.617	-0.006	8.635	-0.008	13.652	-0.004	13.678	-0.009	13.719	-0.013	13.727	-0.015
8.662	-0.012	8.683	-0.014	8.704	-0.015	8.721	-0.010	13.749	-0.017	13.772	-0.017	13.795	-0.013	13.813	-0.009
8.749	-0.008	8.766	-0.011	8.787	-0.015	8.811	-0.017	13.845	-0.000	13.873	0.004	13.895	-0.002	13.916	-0.001
8.835	-0.013	8.864	-0.012	8.880	-0.008	8.896	-0.000	13.940	-0.004	13.966	-0.011	13.986	-0.013	14.005	-0.011
8.920	0.010	8.935	0.029	8.944	0.033	8.965	0.043	14.026	-0.004	14.047	0.002	14.066	-0.000	14.092	-0.009
8.986	0.039	9.010	0.027	9.031	0.013	9.056	0.001	14.108	-0.015	14.136	-0.015	14.162	-0.015	14.194	-0.006
9.083	-0.009	9.101	-0.020	9.126	-0.024	9.159	-0.025	14.218	-0.009	14.252	-0.006	14.267	-0.009	14.285	-0.015
9.183	-0.029	9.213	-0.033	9.236	-0.035	9.268	-0.031	14.314	-0.015	14.333	-0.011	14.362	-0.004	14.377	-0.004
9.254	-0.021	9.328	-0.002	9.347	0.004	9.367	0.004	14.407	0.004	14.441	0.008	14.464	0.012	14.483	0.008
9.384	-0.000	9.407	-0.000	9.434	0.006	9.462	0.014	14.518	0.012	14.525	0.010	14.557	-0.002	14.575	-0.011
9.481	0.016	9.501	0.010	9.522	-0.002	9.551	-0.015	14.601	-0.015	14.626	-0.015	14.659	-0.006	14.683	-0.002
9.580	-0.019	9.617	-0.012	9.638	-0.008	9.661	-0.008	14.699	-0.004	14.723	-0.008	14.747	-0.008	14.767	-0.008
9.687	-0.010	9.713	-0.010	9.737	-0.010	9.772	-0.004	14.789	-0.012	14.813	-0.008	14.838	-0.010	14.860	-0.010
9.755	-0.004	9.823	-0.004	9.848	-0.002	9.865	0.002	14.886	-0.016	14.925	-0.010	14.938	-0.002	14.965	0.006
9.887	0.008	9.910	0.010	9.932	0.006	9.952	0.000	15.007	0.004	15.015	0.002	15.038	-0.002	15.065	-0.004
9.973	-0.002	10.000	-0.002	10.026	-0.002	10.061	-0.002	15.057	-0.003	15.125	0.005	15.144	0.007	15.163	0.009
10.079	-0.006	10.123	0.006	10.139	0.006	10.152	-0.004	15.200	0.003	15.220	-0.005	15.231	-0.013	15.258	-0.013
10.173	-0.008	10.205	-0.006	10.229	-0.006	10.258	-0.000	15.288	-0.013	15.318	-0.011	15.350	-0.007	15.388	-0.005
10.287	-0.006	10.313	-0.010	10.332	-0.010	10.365	-0.004	15.405	-0.005	15.433	-0.009	15.465	-0.009	15.483	-0.011
10.385	-0.004	10.410	-0.000	10.426	0.004	10.442	0.008	15.510	-0.011	15.542	-0.002	15.562	0.002	15.607	0.014
10.453	0.014	10.477	0.020	10.495	0.022	10.532	0.020	15.641	0.014	15.663	0.012	15.692	0.008	15.712	0.004
10.553	0.008	10.574	-0.000	10.608	-0.004	10.629	-0.006	15.741	-0.002	15.756	-0.006	15.818	-0.006	15.858	-0.013
10.656	-0.009	10.677	-0.011	10.650	-0.004	10.729	-0.002	15.884	-0.017	15.910	-0.015	15.948	-0.004	15.974	-0.004
10.745	0.006	10.767	0.004	10.756	-0.002	10.819	-0.009	16.006	-0.006	16.038	-0.006	16.059	-0.004	16.094	-0.004
10.850	-0.015	10.851	-0.015	10.880	-0.015	10.896	-0.015	16.126	-0.000	16.141	0.004	16.199	0.008	16.224	0.006
10.922	-0.011	10.945	-0.011	10.972	-0.015	10.985	-0.013	16.261	0.006	16.290	0.006	16.316	0.006	16.344	0.006
11.011	-0.011	11.031	-0.013	11.059	-0.009	11.081	-0.006	16.359	0.002	16.375	0.002	16.351	0.002	16.419	0.002
11.105	-0.004	11.126	-0.002	11.146	0.008	11.165	0.014	16.443	-0.002	16.478	-0.004	16.510	-0.006	16.545	-0.009
11.191	0.014	11.204	0.006	11.223	-0.000	11.247	-0.004	16.551	-0.009	16.611	-0.011	16.633	-0.015	16.659	-0.011
11.273	-0.006	11.294	-0.015	11.313	-0.011	11.328	-0.006	16.654	-0.009	16.710	-0.006	16.733	-0.000	16.751	-0.000
11.347	-0.004	11.366	0.004	11.389	0.006	11.408	0.008	16.786	0.002	16.808	0.002	16.827	0.004	16.859	0.006
11.427	-0.002	11.448	-0.006	11.482	-0.000	11.494	-0.000	16.852	0.010	16.924	0.010	16.943	0.014	16.967	0.010
11.520	0.006	11.541	0.010	11.562	0.008	11.583	0.006	17.001	-0.000	17.020	-0.004	17.037	-0.004	17.051	-0.004
11.610	0.004	11.636	-0.002	11.663	-0.002	11.680	-0.002	17.069	-0.004	17.106	-0.006	17.133	-0.006	17.139	-0.006
11.711	-0.007	11.732	-0.005	11.756	-0.003	11.794	0.001	17.155	-0.006	17.177	-0.006	17.156	-0.006	17.223	-0.006
11.812	0.006	11.839	0.010	11.858	0.018	11.876	0.022	17.250	-0.006	17.274	-0.010	17.300	-0.006	17.327	-0.004

17.346	0.000	17.378	0.002	17.407	0.000	17.426	-0.002	22.623	-0.006	22.650	-0.006	22.680	-0.006	22.693	-0.006
17.447	-0.001	17.486	0.005	17.497	0.003	17.542	-0.005	22.718	-0.006	22.750	-0.006	22.769	-0.002	22.790	-0.004
17.555	0.003	17.589	-0.001	17.608	-0.005	17.640	-0.013	22.826	-0.004	22.855	-0.004	22.882	-0.002	22.888	-0.000
17.675	-0.019	17.687	-0.021	17.708	-0.019	17.741	-0.009	22.918	-0.000	22.934	-0.000	22.961	-0.004	22.982	-0.006
17.767	-0.009	17.756	-0.009	17.785	-0.007	17.859	-0.013	22.992	-0.006	23.017	-0.006	23.044	-0.006	23.063	-0.006
17.902	-0.007	17.939	-0.007	17.970	-0.015	18.005	-0.006	23.078	-0.006	23.100	-0.006	23.116	-0.011	23.132	-0.013
18.026	-0.009	18.034	-0.006	18.058	-0.006	18.076	-0.009	23.156	-0.005	23.177	-0.005	23.197	-0.009	23.220	-0.004
18.115	-0.006	18.124	-0.011	18.155	-0.013	18.192	-0.011	23.245	-0.006	23.277	-0.006	23.303	-0.006	23.330	-0.004
18.213	-0.009	18.245	-0.002	18.270	-0.000	18.307	-0.002	23.360	-0.006	23.411	-0.000	23.416	0.002	23.445	-0.006
18.333	-0.002	18.348	0.006	18.372	-0.002	18.408	-0.009	23.465	-0.006	23.498	-0.006	23.521	-0.002	23.541	-0.002
18.412	-0.009	18.444	-0.013	18.464	-0.009	18.498	-0.004	23.569	-0.002	23.593	-0.000	23.620	0.004	23.657	-0.004
18.520	-0.000	18.551	0.002	18.571	0.004	18.610	0.010	23.670	-0.002	23.708	0.002	23.721	-0.002	23.749	-0.000
18.648	0.008	18.666	0.010	18.682	0.010	18.715	0.004	23.764	-0.002	23.811	-0.004	23.837	-0.004	23.856	-0.009
18.736	0.004	18.776	0.002	18.753	-0.002	18.806	-0.006	23.882	-0.006	23.913	-0.009	23.940	-0.006	23.973	-0.006
18.838	-0.004	18.860	-0.002	18.888	-0.002	18.922	-0.002	24.003	-0.008	24.011	-0.008	24.032	-0.010	24.049	-0.010
18.949	-0.004	18.989	-0.006	19.015	-0.013	19.039	-0.013	24.084	-0.002	24.094	-0.002	24.130	-0.000	24.155	-0.000
19.059	-0.006	19.076	-0.002	19.102	0.002	19.121	0.006	24.180	-0.004	24.185	-0.004	24.227	-0.006	24.254	-0.006
19.142	-0.006	19.176	0.002	19.207	-0.004	19.218	-0.009	24.265	-0.004	24.290	-0.004	24.322	-0.010	24.340	-0.010
19.244	-0.009	19.252	-0.004	19.282	0.004	19.303	0.008	24.359	-0.014	24.382	-0.016	24.403	-0.016	24.424	-0.018
19.334	0.012	19.368	0.008	19.381	0.004	19.407	-0.000	24.452	-0.020	24.478	-0.016	24.501	-0.014	24.510	-0.005
19.428	0.002	19.464	0.002	19.483	0.004	19.518	0.004	24.538	-0.005	24.572	-0.003	24.595	-0.005	24.618	-0.005
19.522	0.004	19.548	0.000	19.573	-0.000	19.586	-0.006	24.650	-0.007	24.667	-0.009	24.680	-0.009	24.702	-0.007
19.615	-0.009	19.635	-0.013	19.666	-0.013	19.671	-0.013	24.727	-0.009	24.751	-0.005	24.771	-0.005	24.810	-0.005
19.693	-0.013	19.718	-0.011	19.745	-0.011	19.767	-0.009	24.821	-0.003	24.845	-0.005	24.868	-0.000	24.883	-0.003
19.804	-0.011	19.826	-0.011	19.835	-0.011	19.867	-0.009	24.907	-0.002	24.940	-0.000	24.953	-0.002	24.975	-0.000
19.893	-0.009	19.924	-0.009	19.939	-0.004	19.960	-0.002	25.004	-0.000	25.026	-0.000	25.051	-0.009	25.069	-0.009
19.994	-0.000	20.026	0.002	20.051	-0.002	20.076	-0.009	25.105	-0.009	25.123	-0.011	25.152	-0.009	25.173	-0.004
20.098	-0.009	20.133	-0.009	20.162	-0.009	20.188	-0.009	25.195	-0.004	25.230	-0.000	25.259	-0.000	25.288	-0.000
20.153	-0.009	20.222	-0.006	20.239	-0.006	20.256	-0.002	25.314	-0.002	25.332	-0.002	25.360	-0.004	25.386	-0.011
20.277	-0.000	20.303	0.006	20.328	0.004	20.365	0.004	25.410	-0.009	25.436	-0.011	25.471	-0.015	25.491	-0.009
20.387	0.004	20.405	0.004	20.425	0.004	20.454	0.004	25.515	-0.009	25.543	-0.009	25.573	-0.006	25.604	-0.004
20.479	0.002	20.499	0.004	20.534	0.004	20.550	-0.000	25.619	-0.002	25.641	0.002	25.677	-0.008	25.703	0.004
20.570	-0.000	20.604	-0.002	20.631	-0.002	20.646	-0.004	25.732	0.004	25.753	0.006	25.782	-0.004	25.818	0.002
20.676	-0.011	20.710	-0.013	20.721	-0.013	20.741	-0.013	25.849	-0.000	25.871	-0.000	25.904	-0.000	25.921	-0.005
20.768	-0.011	20.788	-0.009	20.808	-0.004	20.831	-0.004	25.955	-0.005	25.970	-0.005	25.994	-0.007	26.033	-0.007
20.854	-0.002	20.878	0.004	20.892	0.004	20.915	0.008	26.046	-0.005	26.073	-0.003	26.102	-0.001	26.114	-0.003
20.942	-0.010	20.968	0.012	20.992	0.010	21.018	0.006	26.145	-0.001	26.172	-0.001	26.201	-0.003	26.227	-0.005
21.047	0.004	21.058	0.004	21.069	0.004	21.084	0.004	26.241	-0.009	26.273	-0.009	26.294	-0.012	26.317	-0.012
21.103	0.004	21.121	0.004	21.142	0.004	21.164	0.004	26.338	-0.012	26.370	-0.010	26.375	-0.012	26.397	-0.012
21.193	0.002	21.200	0.002	21.224	-0.000	21.243	-0.000	26.428	-0.012	26.445	-0.010	26.480	-0.010	26.510	-0.004
21.251	-0.002	21.277	-0.006	21.290	-0.009	21.324	-0.009	26.533	-0.000	26.558	-0.002	26.591	0.004	26.640	-0.008
21.332	-0.006	21.354	-0.002	21.380	-0.000	21.396	-0.002	26.658	-0.004	26.674	0.004	26.698	0.002	26.723	0.002
21.417	-0.004	21.428	-0.004	21.444	-0.004	21.468	-0.004	26.750	0.002	26.774	-0.000	26.801	-0.000	26.825	-0.002
21.489	-0.006	21.516	-0.008	21.526	-0.008	21.547	-0.008	26.850	-0.006	26.883	-0.006	26.901	-0.004	26.930	-0.002
21.568	-0.008	21.565	-0.008	21.611	-0.008	21.625	-0.008	26.943	-0.004	26.983	-0.000	27.002	-0.003	27.027	-0.005
21.638	-0.008	21.654	-0.008	21.670	-0.008	21.693	-0.008	27.027	-0.005	27.051	-0.007	27.077	-0.011	27.098	-0.011
21.712	-0.008	21.729	-0.008	21.745	-0.008	21.766	-0.007	27.120	-0.011	27.146	-0.011	27.168	-0.007	27.197	-0.007
21.789	-0.007	21.818	-0.011	21.835	-0.011	21.864	-0.011	27.229	-0.007	27.256	-0.003	27.280	-0.003	27.309	-0.003
21.880	-0.014	21.904	-0.007	21.923	-0.007	21.948	-0.009	27.333	0.005	27.352	0.005	27.378	0.004	27.402	0.004
21.974	-0.013	22.012	-0.011	22.021	-0.013	22.056	-0.010	27.418	0.004	27.439	0.004	27.460	0.004	27.490	0.004
22.064	-0.010	22.058	-0.008	22.122	-0.004	22.153	-0.002	27.507	0.004	27.520	0.004	27.549	0.004	27.568	0.004
22.161	0.002	22.179	0.008	22.211	0.008	22.241	0.008	27.606	0.006	27.614	0.006	27.634	0.002	27.653	0.002
22.254	-0.008	22.274	0.008	22.293	0.006	22.319	0.006	27.674	0.004	27.686	0.004	27.699	0.004	27.725	-0.000
22.341	0.006	22.370	0.006	22.401	0.006	22.438	0.006	27.742	-0.004	27.760	-0.000	27.798	-0.000	27.806	-0.000
22.441	0.004	22.463	0.004	22.492	0.002	22.515	-0.002	27.843	-0.002	27.881	-0.000	27.897	-0.002	27.925	-0.002
22.528	-0.002	22.547	-0.004	22.569	-0.004	22.599	-0.006	27.949	0.002	27.968	0.002	28.002	0.002	28.025	-0.000

28.062	-0.002	28.106	-0.006	28.123	-0.009	28.133	-0.009	33.678	0.006	33.698	0.006	33.719	0.004	33.725	0.004
28.157	-0.009	28.195	-0.009	28.215	-0.009	28.242	-0.011	33.750	0.004	33.769	0.004	33.792	0.004	33.808	0.006
28.248	-0.011	28.266	-0.009	28.293	-0.009	28.324	-0.006	33.827	0.004	33.847	0.006	33.861	0.006	33.882	0.006
28.346	-0.009	28.365	-0.006	28.394	-0.004	28.404	-0.002	33.900	0.008	33.921	0.010	33.945	0.010	33.966	0.012
28.433	-0.000	28.467	-0.000	28.499	-0.000	28.518	-0.004	33.992	0.015	34.019	0.015	34.037	0.015	34.066	0.013
28.555	-0.004	28.584	-0.006	28.587	-0.004	28.608	-0.004	34.088	0.013	34.111	0.009	34.130	0.009	34.151	0.009
28.635	-0.004	28.656	-0.004	28.690	-0.004	28.711	-0.004	34.170	0.009	34.199	0.005	34.222	0.005	34.243	0.005
28.751	-0.000	28.769	-0.004	28.819	-0.002	28.846	-0.002	34.272	0.003	34.294	0.003	34.317	0.001	34.330	0.001
28.860	-0.004	28.893	-0.004	28.920	-0.008	28.954	-0.004	34.351	0.001	34.372	0.003	34.401	0.003	34.430	0.005
28.981	-0.004	29.002	-0.004	29.026	-0.002	29.065	-0.000	34.462	0.003	34.492	0.003	34.518	0.003	34.555	0.001
29.099	-0.002	29.138	0.003	29.173	0.001	29.196	-0.001	34.569	0.001	34.554	0.002	34.615	0.006	34.645	0.006
29.236	0.001	29.275	0.007	29.284	-0.001	29.318	0.003	34.676	0.006	34.705	0.006	34.729	0.006	34.761	0.006
29.347	0.002	29.375	0.002	29.407	-0.000	29.448	0.002	34.762	0.006	34.790	0.006	34.803	0.006	34.827	0.006
29.467	0.006	29.491	0.008	29.519	0.006	29.560	0.006	34.848	0.008	34.878	0.011	34.904	0.011	34.925	0.009
29.587	0.004	29.620	0.002	29.659	-0.002	29.694	-0.005	34.949	0.009	34.975	0.009	34.992	0.009	35.017	0.011
29.723	-0.001	29.754	-0.009	29.790	-0.012	29.822	-0.006	35.044	0.011	35.060	0.011	35.086	0.011	35.105	0.011
29.847	-0.004	29.881	0.000	29.895	-0.002	29.920	-0.002	35.124	0.011	35.165	0.009	35.177	0.007	35.198	0.003
29.949	-0.006	29.970	-0.002	30.001	-0.000	30.044	-0.000	35.232	0.003	35.245	0.003	35.263	0.003	35.290	0.003
30.083	0.002	30.108	0.002	30.132	-0.002	30.166	-0.000	35.324	0.004	35.334	0.004	35.350	0.004	35.366	0.004
30.198	-0.006	30.213	-0.011	30.234	-0.011	30.258	-0.015	35.390	0.004	35.418	0.006	35.438	0.010	35.463	0.010
30.297	-0.017	30.331	-0.019	30.360	-0.021	30.384	-0.019	35.490	0.012	35.514	0.012	35.534	0.012	35.550	0.010
30.423	-0.020	30.458	-0.016	30.501	-0.010	30.531	-0.010	35.570	0.008	35.609	0.008	35.628	0.008	35.630	0.004
30.569	0.000	30.610	-0.002	30.650	-0.002	30.661	-0.008	35.655	0.004	35.679	0.002	35.705	0.002	35.732	0.002
30.690	-0.003	30.728	-0.007	30.774	-0.009	30.787	-0.009	35.759	0.002	35.783	0.005	35.817	0.007	35.854	0.009
30.814	-0.011	30.851	-0.015	30.892	-0.015	30.914	-0.019	35.799	0.007	35.911	0.011	35.938	0.015	35.967	0.013
30.952	-0.016	30.979	-0.004	31.002	-0.012	31.032	-0.010	35.968	0.011	35.992	0.009	36.015	0.009	36.032	0.007
31.031	-0.010	31.066	-0.012	31.092	-0.009	31.113	-0.005	36.053	0.007	36.077	0.007	36.101	0.007	36.120	0.007
31.135	0.007	31.148	0.005	31.168	0.007	31.189	0.007	36.140	0.007	36.159	0.007	36.179	0.007	36.195	0.007
31.207	0.007	31.226	0.012	31.252	0.014	31.278	0.016	36.223	0.007	36.244	0.007	36.268	0.007	36.287	0.005
31.304	0.016	31.335	0.012	31.356	0.012	31.378	0.012	36.319	0.005	36.344	0.006	36.352	0.006	36.370	0.006
31.397	0.012	31.418	0.008	31.434	0.006	31.445	0.004	36.397	0.010	36.425	0.006	36.457	0.010	36.496	0.008
31.464	0.002	31.481	0.002	31.499	0.002	31.524	-0.000	36.497	0.006	36.516	0.006	36.545	0.004	36.575	0.004
31.542	-0.004	31.561	-0.000	31.581	-0.000	31.600	-0.000	36.593	0.004	36.610	0.002	36.631	0.002	36.650	0.002
31.621	0.004	31.643	-0.000	31.665	-0.000	31.685	0.002	36.668	0.002	36.685	0.002	36.708	0.004	36.727	0.004
31.708	0.004	31.737	0.006	31.770	0.008	31.801	0.012	36.748	0.004	36.764	0.007	36.786	0.007	36.807	0.007
31.828	0.012	31.855	0.012	31.880	0.012	31.903	0.012	36.829	0.007	36.848	0.007	36.869	0.007	36.888	0.007
31.923	0.012	31.943	0.013	31.973	0.011	31.981	0.011	36.914	0.007	36.938	0.009	36.960	0.009	36.984	0.007
31.997	0.011	32.021	0.011	32.033	0.011	32.055	0.009	37.003	0.007	37.024	0.007	37.041	0.007	37.064	0.007
32.078	0.005	32.100	0.005	32.123	0.005	32.143	0.005	37.083	0.005	37.108	0.006	37.121	0.006	37.148	0.004
32.147	0.005	32.193	0.009	32.220	0.012	32.251	0.014	37.167	0.004	37.188	0.004	37.212	0.004	37.233	0.002
32.273	0.014	32.297	0.014	32.322	0.014	32.341	0.012	37.255	0.002	37.273	0.002	37.298	0.006	37.319	0.006
32.363	0.013	32.386	0.011	32.413	0.007	32.433	0.007	37.333	0.006	37.354	0.006	37.383	0.006	37.404	0.007
32.457	0.007	32.479	0.007	32.505	0.007	32.531	0.008	37.421	0.007	37.440	0.007	37.466	0.007	37.485	0.007
32.549	0.008	32.568	0.008	32.586	0.008	32.608	0.008	37.508	0.007	37.527	0.009	37.552	0.011	37.576	0.011
32.621	0.006	32.637	0.004	32.660	0.004	32.684	0.002	37.595	0.013	37.616	0.011	37.634	0.011	37.661	0.007
32.710	0.007	32.738	0.007	32.767	0.011	32.796	0.016	37.685	0.007	37.706	0.007	37.725	0.007	37.744	0.007
32.823	0.016	32.846	0.018	32.863	0.014	32.891	0.014	37.768	0.007	37.787	0.007	37.813	0.005	37.840	0.006
32.910	0.012	32.936	0.008	32.955	0.008	32.981	0.008	37.854	0.006	37.875	0.006	37.891	0.006	37.914	0.008
32.999	0.008	33.019	0.008	33.040	0.008	33.061	0.008	37.949	0.010	38.062	0.006	38.084	0.006	38.115	0.006
33.080	0.008	33.099	0.009	33.116	0.007	33.137	0.007	38.037	0.010	38.062	0.006	38.084	0.006	38.115	0.006
33.149	0.007	33.171	0.007	33.187	0.007	33.209	0.005	38.134	0.006	38.151	0.006	38.167	0.006	38.190	0.006
33.232	0.003	33.259	0.003	33.289	0.003	33.306	0.003	38.219	0.007	38.235	0.007	38.257	0.007	38.278	0.005
33.327	0.003	33.352	0.005	33.376	0.005	33.390	0.007	38.306	0.005	38.326	0.005	38.358	0.007	38.386	0.007
33.410	0.007	33.436	0.012	33.458	0.012	33.483	0.008	38.410	0.005	38.436	0.005	38.476	0.005	38.487	0.005
33.510	0.010	33.538	0.010	33.555	0.012	33.575	0.010	38.518	0.008	38.545	0.008	38.571	0.008	38.598	0.012
33.598	0.006	33.620	0.006	33.636	0.006	33.656	0.006	38.611	0.010	38.637	0.010	38.663	0.010	38.679	0.010

38.708	0.010	38.732	0.010	38.758	0.011	38.785	0.011
38.816	0.011	38.824	0.011	38.838	0.011	38.854	0.011
38.887	0.011	38.858	0.011	38.824	0.011	38.938	0.011
38.962	0.011	38.999	0.009	39.015	0.010	39.035	0.010
39.057	0.010	39.083	0.010	39.107	0.010	39.112	0.010
39.135	0.010	39.156	0.012	39.173	0.013	39.189	0.013
39.212	0.011	39.233	0.011	39.255	0.011	39.288	0.011
39.304	0.009	39.317	0.009	39.341	0.010	39.352	0.012
39.378	0.014	39.397	0.014	39.421	0.014	39.454	0.012
39.466	0.012	39.487	0.012	39.508	0.013	39.526	0.013
39.545	0.013	39.568	0.013	39.587	0.013	39.613	0.013
39.632	0.013	39.645	0.013	39.668	0.013	39.686	0.013
39.707	0.011	39.732	0.007	39.750	0.007	39.776	0.013
39.757	0.017	39.826	0.020	39.848	0.020	39.873	0.020
39.857	0.020	39.923	0.020	39.946	0.018	39.970	0.014
40.001	0.012	40.027	0.014	40.042	0.014	40.061	0.014
40.080	0.014	40.105	0.014	40.131	0.014	40.163	0.014
40.179	0.012	40.204	0.012	40.231	0.010	40.256	0.010
40.279	0.010	40.301	0.008	40.327	0.008	40.353	0.008
40.378	0.008	40.408	0.008	40.418	0.008	40.444	0.008
40.468	0.008	40.489	0.008	40.538	0.008	40.545	0.008
40.579	0.008	40.595	0.008	40.621	0.008	40.660	0.008
40.678	0.008	40.697	0.008	40.741	0.008	40.754	0.008
40.756	0.008	40.803	0.008	40.840	0.008	40.862	0.010
40.872	0.010	40.896	0.010	40.935	0.010	40.962	0.010
40.983	0.006	41.009	0.006	41.028	0.006	41.053	0.006
41.076	0.006	41.121	0.006	41.123	0.006	41.151	0.006
41.169	0.004	41.193	0.004	41.217	0.005	41.248	0.003
41.277	0.003	41.301	0.003	41.322	0.003	41.344	0.007
41.371	0.007	41.398	0.007	41.422	0.007	41.448	0.007
41.475	0.007	41.507	0.009	41.517	0.009	41.539	0.010
41.565	0.010	41.587	0.010	41.621	0.010	41.651	0.010
41.675	0.010	41.697	0.010	41.728	0.011	41.749	0.011
41.774	0.013	41.813	0.011	41.840	0.011	41.872	0.011
41.891	0.012	41.910	0.012	41.934	0.012	41.963	0.010
41.958	0.010	42.017	0.010	42.061	0.008	42.073	0.008
42.056	0.009	42.115	0.009	42.146	0.009	42.178	0.009
42.200	0.009	42.206	0.009	42.235	0.009	42.251	0.009
42.290	0.007	42.302	0.007	42.331	0.007	42.350	0.007
42.355	0.007	42.386	0.007	42.408	0.008	42.416	0.008
42.432	0.008	42.450	0.008	42.463	0.008	42.482	0.010
42.494	0.008	42.502	0.008				

IY374

68.100 4/8/68 1830PST PASADENA JPL, 9TH FLOOR

S82E

1768 POINTS 42.430 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0826 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.051	0.024	0.049	0.043	0.032	0.066	0.032	4.356	-0.138	4.405	-0.211	4.443	-0.254	4.480	-0.296
0.090	0.022	0.107	0.018	0.128	0.016	0.150	0.008	4.523	-0.319	4.560	-0.292	4.596	-0.229	4.634	-0.192
0.166	0.010	0.190	0.003	0.213	-0.003	0.236	-0.019	4.673	-0.109	4.719	-0.063	4.762	-0.017	4.800	0.029
0.267	-0.042	0.294	-0.051	0.311	-0.059	0.332	-0.069	4.838	0.058	4.884	0.076	4.932	0.124	4.967	0.165
0.351	-0.075	0.383	-0.082	0.398	-0.084	0.414	-0.092	5.016	0.238	5.049	0.288	5.084	0.304	5.127	0.286
0.438	-0.096	0.460	-0.098	0.492	-0.100	0.518	-0.096	5.169	0.246	5.205	0.182	5.238	0.122	5.265	0.051
0.540	-0.083	0.567	-0.075	0.584	-0.073	0.618	-0.058	5.296	0.011	5.320	-0.026	5.362	-0.047	5.396	-0.071
0.643	-0.062	0.664	-0.050	0.694	-0.037	0.708	-0.029	5.431	-0.121	5.466	-0.161	5.501	-0.217	5.534	-0.248
0.726	-0.016	0.745	-0.014	0.759	-0.002	0.778	-0.006	5.569	-0.269	5.601	-0.252	5.641	-0.221	5.669	-0.184
0.796	0.003	0.817	0.003	0.834	-0.001	0.853	-0.008	5.701	-0.150	5.736	-0.111	5.771	-0.050	5.800	0.008
0.880	0.001	0.900	0.007	0.914	0.011	0.924	0.020	5.830	0.066	5.870	0.066	5.908	0.069	5.957	0.098
0.944	0.024	0.962	0.039	0.981	0.043	1.002	0.074	5.991	0.121	6.021	0.148	6.066	0.181	6.098	0.191
1.030	0.091	1.059	0.116	1.081	0.118	1.104	0.108	6.129	0.187	6.149	0.164	6.180	0.135	6.206	0.108
1.132	0.085	1.153	0.060	1.172	0.031	1.207	-0.011	6.231	0.050	6.257	0.023	6.297	-0.027	6.345	-0.059
1.235	-0.038	1.262	-0.050	1.281	-0.054	1.308	-0.034	6.374	-0.082	6.417	-0.088	6.453	-0.075	6.479	-0.079
1.339	-0.004	1.369	-0.016	1.400	-0.004	1.428	-0.011	6.512	-0.071	6.543	-0.079	6.578	-0.069	6.621	-0.067
1.454	-0.034	1.483	-0.065	1.512	-0.088	1.537	-0.088	6.651	-0.050	6.677	-0.027	6.711	-0.000	6.743	0.014
1.562	-0.086	1.597	-0.082	1.630	-0.057	1.654	-0.040	6.768	0.016	6.802	0.014	6.834	0.019	6.858	0.029
1.687	-0.004	1.722	-0.029	1.743	-0.060	1.767	-0.079	6.881	0.037	6.907	0.071	6.941	0.087	6.968	0.087
1.792	0.094	1.821	0.104	1.850	0.091	1.871	0.079	7.006	0.073	7.035	0.056	7.060	0.048	7.092	0.048
1.910	0.077	1.926	0.075	1.950	0.096	1.980	0.106	7.124	0.041	7.158	0.037	7.193	0.033	7.215	0.031
2.004	0.127	2.024	0.138	2.046	0.140	2.076	0.127	7.239	0.021	7.267	0.014	7.286	-0.000	7.310	-0.025
2.102	0.092	2.142	0.065	2.174	0.021	2.210	-0.018	7.349	-0.050	7.376	-0.067	7.402	-0.086	7.428	-0.102
2.237	-0.068	2.274	-0.108	2.300	-0.150	2.333	-0.181	7.453	-0.109	7.479	-0.111	7.513	-0.094	7.537	-0.071
2.359	-0.183	2.385	-0.154	2.405	-0.131	2.433	-0.097	7.548	-0.054	7.569	-0.046	7.588	-0.042	7.612	-0.046
2.450	-0.089	2.482	-0.093	2.506	-0.116	2.539	-0.137	7.635	-0.067	7.674	-0.055	7.711	-0.040	7.740	-0.005
2.571	-0.130	2.596	-0.114	2.620	-0.080	2.648	-0.061	7.777	0.037	7.790	0.056	7.816	0.066	7.834	0.074
2.686	-0.047	2.723	-0.021	2.758	0.004	2.776	0.037	7.863	0.068	7.890	0.066	7.900	0.064	7.926	0.068
2.806	0.081	2.844	0.123	2.875	0.129	2.900	0.119	7.945	0.072	7.965	0.068	7.991	0.062	8.020	0.055
2.959	0.111	2.955	0.104	2.979	0.111	3.004	0.111	8.044	0.051	8.057	0.047	8.078	0.045	8.097	0.045
3.018	0.113	3.038	0.119	3.063	0.132	3.087	0.121	8.099	0.045	8.117	0.053	8.136	0.057	8.157	0.068
3.106	0.107	3.132	0.088	3.154	0.057	3.191	0.036	8.182	0.080	8.208	0.082	8.233	0.063	8.266	0.021
3.229	0.007	3.256	-0.012	3.292	-0.055	3.320	-0.097	8.290	-0.004	8.319	-0.035	8.336	-0.060	8.357	-0.085
3.354	-0.163	3.389	-0.209	3.418	-0.253	3.453	-0.245	8.380	-0.110	8.404	-0.133	8.429	-0.135	8.462	-0.125
3.485	-0.209	3.523	-0.176	3.555	-0.155	3.582	-0.138	8.498	-0.110	8.535	-0.090	8.574	-0.073	8.606	-0.077
3.617	-0.088	3.644	-0.050	3.684	-0.017	3.723	-0.000	8.635	-0.069	8.672	-0.048	8.704	-0.031	8.741	-0.007
3.764	0.029	3.793	0.058	3.817	0.100	3.843	0.158	8.768	0.004	8.792	0.014	8.821	0.039	8.843	0.063
3.873	0.214	3.905	0.248	3.932	0.279	3.971	0.281	8.866	0.086	8.901	0.099	8.931	0.128	8.966	0.111
4.007	0.269	4.049	0.244	4.084	0.162	4.129	0.116	8.998	0.100	9.035	0.088	9.072	0.091	9.094	0.108
4.171	0.075	4.209	0.031	4.258	-0.015	4.300	-0.073	9.113	0.123	9.140	0.124	9.171	0.108	9.190	0.078

9.217	0.044	9.252	0.023	9.275	-0.007	9.292	-0.026	14.636	-0.032	14.657	-0.049	14.703	-0.065	14.725	-0.067
9.311	-0.045	9.335	-0.061	9.350	-0.071	9.377	-0.081	14.727	-0.067	14.740	-0.066	14.756	-0.074	14.775	-0.087
9.412	-0.098	9.439	-0.101	9.466	-0.109	9.493	-0.114	14.802	-0.103	14.823	-0.111	14.848	-0.120	14.866	-0.120
9.522	-0.123	9.549	-0.118	9.569	-0.126	9.601	-0.126	14.898	-0.109	14.924	-0.102	14.949	-0.090	14.981	-0.089
9.629	-0.117	9.658	-0.096	9.693	-0.065	9.721	-0.034	15.007	-0.071	15.034	-0.065	15.053	-0.046	15.074	-0.036
9.741	-0.018	9.765	0.005	9.783	0.022	9.797	0.026	15.075	-0.036	15.098	-0.023	15.128	-0.010	15.155	0.013
9.818	0.035	9.837	0.039	9.866	0.054	9.880	0.075	15.186	0.033	15.207	0.054	15.224	0.079	15.245	0.098
9.904	0.081	9.930	0.086	9.951	0.103	9.970	0.124	15.267	0.108	15.283	0.110	15.295	0.119	15.317	0.134
9.996	0.122	10.015	0.131	10.039	0.135	10.069	0.129	15.328	0.138	15.359	0.133	15.379	0.139	15.404	0.137
10.099	0.094	10.162	0.064	10.189	0.036	10.211	0.025	15.431	0.132	15.452	0.120	15.482	0.109	15.508	0.103
10.245	0.012	10.266	0.002	10.294	-0.001	10.320	-0.015	15.533	0.105	15.565	0.107	15.584	0.107	15.605	0.102
10.358	0.016	10.378	-0.024	10.405	-0.021	10.435	-0.020	15.624	0.096	15.648	0.084	15.669	0.065	15.687	0.038
10.450	-0.034	10.470	-0.044	10.494	-0.061	10.528	-0.071	15.711	0.015	15.732	-0.004	15.756	-0.025	15.783	-0.055
10.558	-0.084	10.598	-0.053	10.638	-0.020	10.680	0.011	15.785	-0.055	15.813	-0.074	15.834	-0.092	15.863	-0.099
10.718	0.020	10.742	0.049	10.777	0.056	10.796	0.043	15.882	-0.110	15.906	-0.116	15.924	-0.119	15.944	-0.137
10.825	0.036	10.860	0.028	10.889	-0.003	10.922	0.016	15.942	-0.120	15.958	-0.122	15.987	-0.119	16.033	-0.118
10.934	0.030	10.986	0.042	11.004	0.052	11.029	0.056	16.051	-0.133	16.075	-0.126	16.091	-0.126	16.118	-0.126
11.055	0.053	11.080	0.052	11.107	0.025	11.133	0.002	16.150	-0.106	16.172	-0.081	16.195	-0.056	16.214	-0.038
11.160	-0.020	11.185	-0.036	11.214	-0.042	11.233	-0.042	16.237	0.014	16.257	0.031	16.273	0.051	16.293	0.068
11.231	-0.037	11.273	-0.043	11.296	-0.046	11.313	-0.044	16.321	0.085	16.342	0.103	16.368	0.101	16.390	0.125
11.331	-0.027	11.350	-0.028	11.364	-0.026	11.383	-0.020	16.426	0.145	16.443	0.158	16.480	0.169	16.518	0.170
11.406	-0.022	11.431	-0.018	11.450	-0.024	11.466	-0.036	16.541	0.144	16.576	0.123	16.622	0.101	16.664	0.068
11.496	-0.048	11.520	-0.054	11.535	-0.056	11.552	-0.064	16.688	0.044	16.717	-0.020	16.755	-0.031	16.787	-0.052
11.575	-0.079	11.599	-0.076	11.630	-0.071	11.654	-0.065	16.826	0.067	16.862	-0.075	16.907	-0.075	16.947	-0.108
11.670	-0.054	11.681	-0.038	11.701	-0.025	11.726	-0.008	16.974	-0.105	17.008	-0.104	17.041	-0.103	17.072	-0.106
11.742	0.009	11.744	0.007	11.757	0.017	11.777	0.026	17.099	-0.098	17.120	-0.079	17.141	-0.084	17.160	-0.069
11.796	0.029	11.827	0.033	11.856	0.034	11.880	0.038	17.182	-0.057	17.203	-0.043	17.235	-0.003	17.268	0.028
11.910	0.041	11.937	0.052	11.976	0.060	12.000	0.073	17.305	0.072	17.326	0.100	17.355	0.105	17.369	0.107
12.033	0.084	12.060	0.096	12.083	0.094	12.105	0.104	17.388	0.118	17.407	0.110	17.433	0.117	17.455	0.127
12.127	0.097	12.153	0.095	12.179	0.078	12.215	0.042	17.473	0.136	17.500	0.144	17.532	0.141	17.552	0.147
12.244	0.013	12.257	0.005	12.289	-0.002	12.310	-0.023	17.568	0.145	17.589	0.145	17.614	0.139	17.645	0.133
12.337	-0.030	12.379	-0.039	12.404	-0.046	12.428	-0.053	17.664	0.117	17.697	0.098	17.725	0.067	17.758	0.032
12.449	-0.047	12.475	-0.049	12.495	-0.044	12.511	-0.040	17.785	0.007	17.806	-0.018	17.831	-0.028	17.876	-0.047
12.532	-0.043	12.559	-0.053	12.582	-0.059	12.612	-0.073	17.903	-0.045	17.930	-0.051	17.949	-0.066	17.971	-0.080
12.635	-0.077	12.670	-0.086	12.687	-0.088	12.697	-0.084	17.995	-0.094	18.021	-0.104	18.040	-0.110	18.064	-0.122
12.766	-0.059	12.743	-0.032	12.769	-0.020	12.782	-0.000	18.078	-0.113	18.102	-0.128	18.127	-0.129	18.129	-0.122
12.798	0.009	12.807	0.019	12.825	0.033	12.852	0.041	18.140	-0.129	18.158	-0.137	18.178	-0.143	18.197	-0.145
12.879	0.047	12.911	0.046	12.935	0.044	12.959	0.042	18.225	-0.134	18.244	-0.093	18.256	-0.076	18.277	-0.055
12.981	0.052	13.013	0.059	13.039	0.067	13.063	0.074	18.290	-0.043	18.300	-0.024	18.327	-0.007	18.351	0.007
13.086	0.091	13.109	0.097	13.125	0.102	13.150	0.102	18.376	0.014	18.391	0.026	18.392	0.026	18.410	0.034
13.177	0.102	13.205	0.088	13.230	0.088	13.259	0.068	18.421	0.066	18.422	0.045	18.434	0.045	18.448	0.053
13.284	0.058	13.332	0.027	13.349	0.011	13.378	-0.008	18.467	0.065	18.474	0.088	18.499	0.102	18.515	0.112
13.405	-0.023	13.431	-0.027	13.451	-0.035	13.469	-0.035	18.531	0.127	18.545	0.140	18.561	0.138	18.566	0.140
13.504	-0.019	13.534	-0.038	13.553	-0.046	13.572	-0.054	18.582	0.151	18.604	0.154	18.616	0.160	18.632	0.171
13.617	-0.065	13.637	-0.086	13.657	-0.094	13.679	-0.098	18.660	0.174	18.679	0.180	18.702	0.172	18.723	0.154
13.712	-0.090	13.738	-0.079	13.762	-0.082	13.778	-0.082	18.743	0.135	18.767	0.115	18.791	0.088	18.817	0.073
13.801	-0.070	13.822	-0.071	13.844	-0.069	13.865	-0.059	18.844	0.048	18.864	0.027	18.892	0.012	18.915	-0.011
13.878	-0.052	13.895	-0.038	13.910	-0.017	13.956	-0.015	18.929	-0.020	18.939	-0.020	18.949	-0.034	18.968	-0.049
13.978	-0.011	14.012	-0.011	14.037	0.001	14.061	0.012	18.984	-0.064	19.009	-0.081	19.030	-0.085	19.054	-0.099
14.084	0.024	14.106	0.041	14.131	0.081	14.150	0.091	19.086	-0.107	19.098	-0.117	19.120	-0.137	19.134	-0.137
14.185	0.094	14.219	0.093	14.241	0.095	14.265	0.093	19.157	-0.146	19.202	-0.161	19.237	-0.149	19.267	-0.134
14.278	0.095	14.291	0.096	14.315	0.100	14.342	0.088	19.306	-0.109	19.360	-0.067	19.384	-0.036	19.415	-0.005
14.355	0.079	14.372	0.066	14.395	0.041	14.398	0.037	19.432	-0.008	19.453	0.029	19.485	0.045	19.487	0.045
14.428	0.024	14.452	0.023	14.470	0.029	14.489	0.029	19.513	0.062	19.537	0.058	19.538	0.058	19.551	0.068
14.497	0.029	14.516	0.027	14.534	0.036	14.546	0.028	19.569	0.070	19.602	0.072	19.620	0.082	19.641	0.092
14.559	0.013	14.580	0.013	14.598	-0.003	14.618	-0.018	19.670	0.119	19.700	0.121	19.727	0.133	19.743	0.149

19.770	0.151	19.790	0.151	19.804	0.153	19.820	0.153	24.116	0.082	24.125	0.096	24.141	0.096	24.157	0.119
19.830	0.149	19.849	0.145	19.863	0.143	19.877	0.126	24.174	0.123	24.190	0.115	24.206	0.117	24.207	0.136
19.897	0.122	19.914	0.101	19.932	0.082	19.943	0.088	24.230	0.138	24.255	0.136	24.276	0.140	24.302	0.138
19.953	0.076	19.972	0.067	19.989	0.057	20.004	0.031	24.321	0.129	24.343	0.121	24.361	0.112	24.375	0.112
20.031	0.040	20.050	0.040	20.064	0.043	20.079	0.034	24.404	0.091	24.423	0.073	24.431	0.058	24.471	0.029
20.098	0.026	20.114	0.012	20.130	0.006	20.144	0.005	24.487	0.014	24.506	-0.001	24.520	-0.005	24.533	-0.017
20.159	-0.015	20.176	-0.029	20.192	-0.044	20.215	-0.054	24.546	-0.030	24.571	-0.040	24.592	-0.046	24.616	-0.049
20.229	0.089	20.258	0.097	20.282	-0.105	20.291	-0.113	24.637	-0.055	24.654	-0.053	24.673	-0.067	24.694	-0.067
20.310	-0.124	20.329	-0.130	20.344	-0.129	20.360	-0.138	24.707	-0.078	24.732	-0.086	24.756	-0.086	24.777	-0.096
20.372	-0.138	20.393	-0.137	20.414	-0.137	20.431	-0.137	24.798	-0.098	24.818	-0.096	24.844	-0.092	24.858	-0.090
20.457	-0.131	20.476	-0.118	20.490	-0.112	20.511	-0.099	24.882	-0.090	24.898	-0.084	24.920	-0.079	24.938	-0.071
20.529	-0.095	20.540	-0.091	20.553	-0.091	20.577	-0.087	24.962	-0.071	24.979	-0.050	24.997	-0.031	25.016	-0.027
20.593	-0.073	20.620	-0.071	20.637	-0.061	20.639	-0.061	25.029	-0.021	25.046	-0.017	25.062	-0.004	25.078	0.006
20.653	-0.042	20.655	-0.042	20.672	-0.013	20.687	-0.013	25.096	0.008	25.113	0.004	25.139	0.010	25.159	0.021
20.707	0.012	20.722	0.028	20.765	0.063	20.787	0.084	25.183	0.023	25.205	0.031	25.228	0.056	25.248	0.063
20.806	0.111	20.827	0.123	20.851	0.144	20.877	0.163	25.272	0.079	25.292	0.092	25.317	0.096	25.335	0.108
20.907	0.163	20.925	0.165	20.947	0.159	20.974	0.165	25.360	0.108	25.386	0.108	25.406	0.111	25.438	0.111
20.987	0.161	21.000	0.151	21.035	0.158	21.062	0.140	25.457	0.123	25.477	0.116	25.502	0.114	25.521	0.103
21.091	0.123	21.107	0.115	21.134	0.099	21.159	0.089	25.548	0.093	25.556	0.089	25.564	0.082	25.572	0.076
21.174	0.076	21.191	0.053	21.225	0.023	21.243	0.006	25.582	0.070	25.590	0.063	25.598	0.059	25.607	0.053
21.262	-0.013	21.286	-0.034	21.321	-0.069	21.348	-0.086	25.615	0.046	25.623	0.040	25.633	0.034	25.641	0.029
21.382	-0.120	21.406	-0.132	21.428	-0.132	21.449	-0.132	25.649	0.023	25.658	0.017	25.666	0.010	25.674	0.004
21.473	-0.128	21.512	-0.143	21.531	-0.137	21.555	-0.135	25.684	-0.002	25.717	-0.028	25.744	-0.043	25.768	-0.051
21.577	-0.120	21.603	-0.107	21.627	-0.099	21.648	-0.092	25.795	-0.066	25.816	-0.080	25.851	-0.097	25.878	-0.099
21.665	-0.084	21.672	-0.063	21.685	-0.061	21.699	-0.048	25.901	-0.118	25.917	-0.122	25.939	-0.126	25.960	-0.128
21.710	-0.033	21.721	-0.031	21.742	-0.031	21.761	-0.003	25.983	-0.130	25.998	-0.133	26.027	-0.139	26.054	-0.135
21.785	0.024	21.813	0.037	21.838	0.062	21.853	0.079	26.084	-0.126	26.111	-0.118	26.130	-0.105	26.160	-0.089
21.870	0.096	21.889	0.092	21.904	0.108	21.920	0.115	26.181	-0.098	26.207	-0.055	26.227	-0.034	26.256	-0.011
21.947	0.112	21.963	0.118	21.973	0.118	21.998	0.116	26.282	0.004	26.300	0.011	26.335	0.022	26.362	0.045
22.013	0.124	22.032	0.126	22.038	0.116	22.056	0.136	26.402	0.064	26.437	0.075	26.465	0.090	26.502	0.101
22.077	0.136	22.106	0.137	22.126	0.139	22.150	0.126	26.534	0.118	26.569	0.124	26.603	0.122	26.632	0.109
22.173	0.117	22.195	0.104	22.223	0.083	22.275	0.036	26.664	0.105	26.696	0.082	26.721	0.048	26.765	0.015
22.298	0.021	22.312	0.005	22.336	-0.006	22.365	-0.027	26.795	-0.006	26.826	-0.021	26.866	-0.043	26.898	-0.062
22.382	-0.036	22.395	-0.048	22.446	-0.064	22.467	-0.077	26.920	-0.083	26.952	-0.089	26.988	-0.107	27.023	-0.120
22.483	-0.077	22.509	-0.081	22.526	-0.083	22.544	-0.089	27.052	-0.124	27.081	-0.126	27.109	-0.123	27.130	-0.129
22.574	-0.091	22.589	-0.105	22.619	-0.109	22.635	-0.113	27.154	-0.129	27.186	-0.127	27.219	-0.124	27.246	-0.116
22.656	-0.113	22.665	-0.117	22.677	-0.115	22.689	-0.117	27.271	-0.092	27.296	-0.069	27.327	-0.039	27.366	-0.023
22.701	-0.110	22.720	-0.110	22.736	-0.108	22.745	-0.100	27.419	0.004	27.462	0.033	27.500	0.063	27.533	0.068
22.780	-0.072	22.816	-0.049	22.854	-0.003	22.883	0.022	27.559	0.074	27.560	0.074	27.584	0.092	27.626	0.105
22.905	0.037	22.932	0.056	22.954	0.072	22.978	0.085	27.664	0.123	27.699	0.125	27.715	0.125	27.737	0.125
22.983	0.087	23.017	0.096	23.026	0.102	23.042	0.112	27.759	0.115	27.783	0.104	27.800	0.094	27.819	0.083
23.053	0.114	23.077	0.115	23.098	0.123	23.125	0.131	27.838	0.073	27.861	0.056	27.880	0.043	27.897	0.033
23.138	0.133	23.156	0.133	23.171	0.136	23.184	0.136	27.910	0.020	27.934	0.006	27.967	-0.013	27.978	-0.022
23.199	0.134	23.213	0.127	23.226	0.123	23.239	0.127	27.991	-0.030	28.023	-0.072	28.054	-0.058	28.073	-0.073
23.251	0.123	23.264	0.119	23.282	0.112	23.323	0.087	28.096	-0.082	28.135	-0.108	28.169	-0.119	28.213	-0.129
23.376	0.043	23.397	-0.018	23.421	-0.001	23.461	-0.032	28.245	-0.123	28.270	-0.123	28.305	-0.119	28.342	-0.104
23.482	-0.042	23.484	-0.042	23.498	-0.055	23.517	-0.069	28.363	-0.085	28.382	-0.074	28.406	-0.066	28.425	-0.055
23.528	-0.080	23.541	-0.080	23.552	-0.086	23.559	-0.090	28.446	-0.041	28.484	-0.024	28.494	-0.024	28.519	-0.017
23.570	-0.101	23.591	-0.107	23.610	-0.113	23.628	-0.117	28.540	0.004	28.564	0.025	28.591	0.036	28.613	0.055
23.644	-0.115	23.663	-0.117	23.681	-0.122	23.703	-0.128	28.634	0.064	28.658	0.077	28.679	0.089	28.701	0.096
23.725	-0.126	23.756	-0.115	23.769	-0.113	23.791	-0.109	28.723	0.104	28.746	0.109	28.768	0.111	28.802	0.113
23.804	-0.101	23.809	-0.107	23.833	-0.084	23.841	-0.082	28.829	0.109	28.854	0.090	28.887	0.072	28.916	0.061
23.860	-0.074	23.873	-0.074	23.884	-0.061	23.892	-0.053	28.944	0.047	28.966	0.029	28.982	0.020	29.000	0.010
23.905	-0.042	23.925	-0.036	23.937	-0.026	23.942	-0.009	29.024	0.004	29.053	-0.008	29.079	-0.018	29.103	-0.038
23.955	0.001	23.976	0.028	24.002	0.045	24.019	0.051	29.117	-0.044	29.132	-0.059	29.148	-0.069	29.164	-0.077
24.051	0.067	24.068	0.076	24.113	0.082	24.114	0.082	29.180	-0.084	29.206	-0.092	29.225	-0.100	29.238	-0.104

29.260	-0.110	29.285	-0.112	29.309	-0.114	29.325	-0.103	34.789	0.036	34.833	0.036	34.871	0.040	34.905	0.037
29.350	-0.108	29.370	-0.104	29.400	-0.083	29.424	-0.075	34.928	0.039	34.947	0.039	34.979	0.018	35.012	0.005
29.461	-0.062	29.484	-0.037	29.515	-0.021	29.534	-0.011	35.035	-0.001	35.050	-0.007	35.069	-0.010	35.087	-0.020
29.568	-0.001	29.587	0.022	29.610	0.030	29.629	0.042	35.104	-0.028	35.131	-0.037	35.155	-0.037	35.173	-0.043
29.663	0.048	29.695	0.069	29.712	0.070	29.736	0.080	35.193	-0.042	35.215	-0.038	35.228	-0.042	35.252	-0.046
29.757	0.086	29.778	0.092	29.803	0.096	29.830	0.083	35.276	-0.038	35.295	-0.041	35.311	-0.051	35.335	-0.047
29.857	0.085	29.881	0.082	29.907	0.065	29.931	0.054	35.356	-0.050	35.377	-0.054	35.397	-0.052	35.420	-0.055
29.948	0.047	29.975	0.038	29.999	0.019	30.014	0.004	35.447	-0.049	35.463	-0.034	35.490	-0.028	35.512	-0.020
30.033	-0.001	30.049	-0.011	30.074	-0.020	30.098	-0.035	35.541	0.005	35.551	0.009	35.576	0.013	35.595	0.025
30.119	-0.057	30.143	-0.057	30.150	-0.063	30.163	-0.061	35.616	0.029	35.642	0.033	35.679	0.024	35.699	0.033
30.182	-0.078	30.208	-0.081	30.233	-0.079	30.256	-0.086	35.729	0.034	35.750	0.028	35.779	0.024	35.801	0.023
30.277	-0.078	30.304	-0.080	30.334	-0.087	30.361	-0.089	35.835	0.023	35.873	0.022	35.886	0.020	35.903	0.019
30.392	-0.080	30.417	-0.075	30.441	-0.068	30.464	-0.057	35.922	-0.021	35.940	-0.012	35.961	0.010	35.986	-0.004
30.489	-0.044	30.520	-0.033	30.545	-0.020	30.571	-0.004	36.029	0.016	36.045	-0.006	36.080	-0.028	36.114	-0.026
30.598	0.013	30.622	0.024	30.652	0.025	30.678	0.038	36.162	-0.039	36.189	-0.036	36.230	-0.049	36.252	-0.045
30.707	0.043	30.734	0.046	30.752	0.055	30.784	0.041	36.275	-0.034	36.281	-0.046	36.299	-0.042	36.316	-0.052
30.806	0.042	30.835	0.046	30.863	0.037	30.890	0.041	36.351	-0.062	36.393	-0.049	36.418	-0.048	36.428	-0.052
30.916	0.035	30.943	0.037	30.971	0.028	30.988	0.032	36.456	-0.065	36.488	-0.056	36.521	-0.087	36.541	-0.034
30.993	0.015	31.016	0.015	31.045	0.006	31.078	-0.003	36.558	-0.032	36.579	-0.011	36.601	0.004	36.623	0.002
31.124	-0.018	31.154	-0.021	31.180	-0.026	31.214	-0.031	36.647	0.011	36.674	0.016	36.695	0.022	36.711	0.022
31.258	-0.024	31.286	-0.032	31.314	-0.034	31.343	-0.038	36.729	0.029	36.745	0.023	36.762	0.031	36.778	0.036
31.356	-0.044	31.386	-0.037	31.412	-0.030	31.429	-0.030	36.801	0.034	36.820	0.036	36.843	0.032	36.865	0.037
31.455	-0.034	31.476	-0.027	31.498	-0.031	31.520	-0.026	36.886	0.037	36.913	0.031	36.937	0.042	36.958	0.040
31.547	-0.013	31.579	-0.013	31.614	0.000	31.634	0.018	36.978	0.043	37.003	0.037	37.027	0.037	37.048	0.040
31.642	0.008	31.654	0.002	31.686	0.005	31.701	0.018	37.071	0.033	37.093	0.013	37.117	0.007	37.145	-0.006
31.723	0.021	31.744	0.026	31.790	0.026	31.819	0.025	37.177	-0.007	37.202	-0.018	37.233	-0.021	37.257	-0.019
31.848	0.022	31.872	0.021	31.896	0.026	31.921	0.021	37.286	-0.025	37.299	-0.025	37.312	-0.023	37.329	-0.025
31.950	0.024	31.968	0.016	31.988	0.011	32.000	0.003	37.350	-0.027	37.368	-0.027	37.386	-0.028	37.408	-0.033
32.025	-0.003	32.036	-0.011	32.052	-0.015	32.068	-0.025	37.432	-0.037	37.459	-0.039	37.469	-0.034	37.479	-0.041
32.086	-0.031	32.115	-0.026	32.126	-0.028	32.147	-0.022	37.493	-0.041	37.514	-0.039	37.530	-0.047	37.556	-0.034
32.166	-0.023	32.180	-0.025	32.203	-0.025	32.220	-0.024	37.572	-0.030	37.598	-0.026	37.619	-0.018	37.633	-0.007
32.236	-0.012	32.259	-0.011	32.273	-0.021	32.294	-0.006	37.656	-0.001	37.672	0.010	37.691	0.012	37.714	0.012
32.315	-0.017	32.338	-0.022	32.367	-0.022	32.417	-0.023	37.735	0.008	37.776	0.023	37.800	0.026	37.828	0.030
32.446	-0.017	32.476	-0.023	32.512	-0.010	32.538	0.010	37.841	0.031	37.863	0.029	37.882	0.027	37.910	0.031
32.575	0.025	32.609	0.044	32.642	0.028	32.673	0.030	37.934	0.029	37.964	0.028	37.992	0.026	38.022	0.026
32.702	0.032	32.731	0.024	32.758	0.023	32.779	0.027	38.048	0.018	38.070	0.024	38.080	0.033	38.090	0.014
32.800	0.026	32.826	0.026	32.843	0.020	32.866	0.020	38.114	0.006	38.130	-0.002	38.151	-0.004	38.170	-0.008
32.898	0.021	32.912	0.023	32.943	0.007	32.970	0.010	38.184	-0.008	38.208	-0.012	38.218	-0.010	38.229	-0.010
32.985	-0.000	33.004	-0.002	33.023	-0.023	33.034	-0.029	38.253	-0.015	38.273	-0.013	38.295	-0.006	38.319	-0.017
33.066	-0.032	33.081	-0.045	33.103	-0.046	33.124	-0.050	38.326	-0.015	38.351	-0.013	38.369	-0.011	38.388	-0.017
33.150	-0.052	33.174	-0.053	33.195	-0.049	33.209	-0.049	38.398	-0.015	38.404	-0.011	38.417	-0.015	38.437	-0.019
33.240	-0.052	33.264	-0.058	33.292	-0.056	33.313	-0.041	38.446	-0.019	38.469	-0.015	38.486	-0.007	38.510	-0.009
33.327	-0.045	33.342	-0.047	33.367	-0.045	33.404	-0.038	38.530	-0.013	38.543	-0.005	38.554	-0.002	38.576	-0.007
33.431	-0.034	33.452	-0.024	33.468	-0.022	33.489	-0.020	38.594	0.008	38.618	0.008	38.629	0.015	38.642	0.019
33.509	-0.005	33.535	0.012	33.557	0.024	33.573	0.026	38.665	0.017	38.692	0.025	38.726	0.032	38.750	0.026
33.602	0.039	33.640	0.039	33.679	0.061	33.703	0.053	38.775	0.022	38.788	0.018	38.813	0.008	38.831	0.025
33.727	0.061	33.739	0.059	33.752	0.059	33.776	0.057	38.853	0.017	38.882	0.017	38.899	0.019	38.922	0.011
33.803	0.049	33.830	0.062	33.861	0.060	33.888	0.058	38.941	0.014	38.968	0.014	38.990	0.019	39.019	0.013
33.918	0.049	33.934	0.045	33.963	0.045	33.987	0.039	39.054	-0.001	39.075	-0.005	39.092	-0.013	39.132	-0.021
34.001	0.014	34.031	-0.001	34.062	-0.024	34.098	-0.026	39.158	-0.017	39.175	-0.012	39.191	-0.025	39.213	-0.020
34.129	-0.040	34.156	-0.052	34.183	-0.056	34.204	-0.061	39.226	-0.033	39.242	-0.035	39.255	-0.030	39.272	-0.024
34.234	-0.060	34.267	-0.064	34.301	-0.066	34.333	-0.068	39.293	-0.013	39.329	-0.026	39.329	-0.015	39.344	-0.028
34.364	-0.065	34.393	-0.069	34.423	-0.070	34.447	-0.066	39.377	-0.023	39.386	-0.015	39.405	-0.025	39.423	-0.021
34.469	-0.059	34.492	-0.053	34.515	-0.040	34.539	-0.027	39.434	-0.027	39.458	-0.027	39.485	-0.025	39.507	-0.027
34.573	-0.006	34.597	0.005	34.628	0.022	34.651	0.029	39.545	-0.003	39.564	-0.001	39.590	-0.001	39.609	-0.003
34.682	0.031	34.706	0.033	34.725	0.031	34.770	0.042	39.621	0.005	39.640	-0.001	39.658	0.006	39.666	0.008

39.680	0.012	39.693	0.004	39.710	-0.004	39.725	0.002
39.744	0.006	39.756	-0.012	39.772	0.009	39.786	-0.006
39.801	0.009	39.813	-0.001	39.845	0.006	39.869	0.006
39.907	0.019	39.945	0.022	39.970	0.008	39.997	0.014
40.027	0.019	40.045	-0.002	40.067	0.005	40.099	-0.003
40.137	-0.003	40.186	0.006	40.224	0.000	40.266	-0.026
40.287	-0.005	40.322	-0.030	40.345	-0.021	40.364	-0.038
40.390	-0.033	40.412	-0.037	40.425	-0.033	40.441	-0.039
40.465	-0.037	40.502	-0.026	40.515	-0.032	40.539	-0.026
40.562	-0.022	40.576	-0.020	40.602	-0.022	40.624	-0.011
40.658	-0.010	40.688	-0.018	40.716	-0.008	40.747	0.007
40.784	0.016	40.797	0.018	40.849	0.017	40.895	0.028
40.926	0.039	40.962	0.033	40.995	0.025	41.034	0.026
41.060	0.029	41.102	0.013	41.143	0.024	41.158	0.005
41.184	0.037	41.207	0.023	41.244	0.025	41.260	0.007
41.290	0.012	41.367	-0.006	41.380	-0.010	41.394	-0.014
41.414	-0.016	41.431	-0.018	41.447	-0.016	41.468	-0.020
41.487	-0.019	41.507	-0.021	41.516	-0.017	41.527	-0.017
41.531	-0.021	41.553	-0.021	41.587	-0.018	41.606	-0.018
41.620	-0.026	41.641	-0.007	41.672	-0.020	41.701	-0.022
41.734	-0.026	41.779	-0.032	41.808	-0.022	41.833	-0.014
41.858	-0.001	41.889	0.003	41.917	0.011	41.939	0.011
41.953	0.020	41.970	0.022	41.995	0.028	42.017	0.026
42.062	0.031	42.099	0.033	42.161	0.036	42.199	0.050
42.221	0.036	42.264	0.039	42.302	0.039	42.326	0.043
42.353	0.025	42.384	-0.004	42.409	0.028	42.430	0.026

1Y374

68.100 4/8/68 1830PST PASADENA JPL, 9TH FLOOR

S08M

1423 POINTS 42.460 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0709 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.059	0.032	0.042	0.062	0.019	0.093	-0.005	3.534	0.022	3.544	0.028	3.566	0.022	3.585	0.018	3.605	0.016	3.624	0.018
0.105	-0.028	0.126	-0.047	0.144	-0.067	0.163	-0.078	3.605	0.016	3.624	0.018	3.654	0.035	3.681	0.055	3.707	0.095	3.731	0.114
0.189	-0.090	0.211	-0.092	0.235	-0.094	0.257	-0.092	3.707	0.095	3.731	0.114	3.756	0.122	3.783	0.118	3.809	0.089	3.831	0.089
0.283	-0.099	0.305	-0.103	0.318	-0.111	0.336	-0.119	3.809	0.089	3.831	0.114	3.855	0.071	3.879	0.071	3.910	0.077	3.935	0.084
0.361	-0.119	0.382	-0.109	0.403	-0.096	0.426	-0.080	3.910	0.077	3.935	0.084	3.961	0.092	3.977	0.094	4.009	0.090	4.031	0.082
0.445	-0.059	0.464	-0.038	0.482	-0.018	0.496	0.013	4.009	0.090	4.031	0.082	4.060	0.080	4.086	0.064	4.108	0.043	4.130	0.012
0.517	0.024	0.530	0.038	0.545	0.048	0.558	0.069	4.108	0.043	4.130	0.012	4.159	-0.014	4.186	-0.035	4.218	-0.064	4.250	-0.088
0.582	0.092	0.604	0.100	0.625	0.109	0.642	0.113	4.218	-0.064	4.250	-0.088	4.284	-0.123	4.319	-0.129	4.350	-0.127	4.372	-0.125
0.665	0.113	0.684	0.100	0.701	0.090	0.719	0.077	4.350	-0.127	4.372	-0.125	4.396	-0.121	4.417	-0.108	4.434	-0.098	4.450	-0.089
0.742	0.065	0.760	0.065	0.774	0.057	0.789	0.059	4.434	-0.098	4.450	-0.089	4.468	-0.083	4.493	-0.087	4.509	-0.091	4.525	-0.091
0.809	0.059	0.835	0.071	0.847	0.071	0.865	0.063	4.509	-0.091	4.525	-0.091	4.536	-0.102	4.562	-0.085	4.581	-0.075	4.601	-0.056
0.887	0.057	0.906	0.040	0.935	0.005	0.965	-0.026	4.581	-0.075	4.601	-0.056	4.622	-0.043	4.644	-0.021	4.660	-0.004	4.680	0.025
0.988	-0.057	1.012	-0.088	1.032	-0.109	1.056	-0.125	4.660	-0.004	4.680	0.025	4.705	0.054	4.723	0.058	4.748	0.056	4.778	0.059
1.079	-0.140	1.106	-0.150	1.134	-0.163	1.161	-0.161	4.748	0.056	4.778	0.059	4.803	0.063	4.818	0.061	4.839	0.063	4.874	0.055
1.184	-0.138	1.214	-0.111	1.236	-0.082	1.256	-0.061	4.839	0.063	4.874	0.055	4.893	0.036	4.914	0.019	4.936	0.034	4.964	0.034
1.284	-0.049	1.310	-0.049	1.334	-0.051	1.359	-0.053	4.936	0.034	4.964	0.034	4.987	0.063	5.012	0.090	5.039	0.098	5.074	0.094
1.388	-0.041	1.415	-0.024	1.433	-0.001	1.451	0.011	5.039	0.098	5.074	0.094	5.098	0.087	5.123	0.075	5.155	0.069	5.185	0.064
1.471	0.032	1.489	0.047	1.516	0.069	1.540	0.078	5.155	0.069	5.185	0.064	5.211	0.087	5.231	0.104	5.262	0.110	5.293	0.099
1.561	0.082	1.585	0.086	1.603	0.090	1.625	0.082	5.262	0.110	5.293	0.099	5.316	0.074	5.339	0.054	5.357	0.033	5.384	0.018
1.651	0.072	1.672	0.057	1.688	0.045	1.702	0.030	5.357	0.033	5.384	0.018	5.422	0.016	5.462	0.006	5.492	-0.007	5.508	-0.015
1.717	0.012	1.733	0.001	1.752	-0.007	1.777	-0.009	5.492	-0.007	5.508	-0.015	5.541	-0.040	5.562	-0.061	5.587	-0.086	5.613	-0.115
1.795	0.010	1.813	0.026	1.830	0.039	1.848	0.057	5.587	-0.086	5.613	-0.115	5.633	-0.137	5.646	-0.154	5.680	-0.173	5.719	-0.162
1.867	0.066	1.888	0.059	1.906	0.045	1.919	0.024	5.680	-0.173	5.719	-0.162	5.746	-0.133	5.772	-0.111	5.800	-0.092	5.835	-0.090
1.938	0.010	1.949	-0.007	1.965	-0.019	1.983	-0.028	5.800	-0.092	5.835	-0.090	5.867	-0.084	5.905	-0.084	5.931	-0.076	5.956	-0.067
1.996	-0.036	2.012	-0.046	2.031	-0.052	2.047	-0.046	5.931	-0.076	5.956	-0.067	5.988	-0.063	6.010	-0.049	6.030	-0.030	6.052	-0.012
2.066	-0.044	2.094	-0.038	2.118	-0.044	2.132	-0.052	6.030	-0.030	6.052	-0.012	6.069	0.024	6.092	0.055	6.103	0.088	6.122	0.113
2.155	-0.058	2.171	-0.060	2.195	-0.048	2.219	-0.033	6.103	0.088	6.122	0.113	6.146	0.142	6.167	0.152	6.194	0.150	6.222	0.146
2.251	-0.019	2.275	-0.021	2.301	-0.023	2.323	-0.029	6.194	0.150	6.222	0.146	6.241	0.131	6.262	0.119	6.285	0.090	6.313	0.073
2.342	-0.035	2.366	-0.046	2.389	-0.048	2.419	-0.031	6.285	0.090	6.313	0.073	6.339	0.065	6.359	0.061	6.385	0.057	6.415	0.050
2.399	-0.019	2.464	0.029	2.485	0.054	2.509	0.099	6.385	0.057	6.415	0.050	6.439	0.063	6.460	0.077	6.482	0.090	6.500	0.100
2.535	0.107	2.564	0.107	2.581	0.095	2.612	0.080	6.482	0.090	6.500	0.100	6.529	0.081	6.545	0.056	6.562	-0.031	6.596	-0.002
2.631	0.066	2.666	0.078	2.694	0.088	2.721	0.096	6.562	-0.031	6.596	-0.002	6.629	-0.010	6.651	-0.068	6.679	-0.072	6.701	-0.110
2.750	0.090	2.769	0.067	2.790	0.049	2.814	0.024	6.679	-0.072	6.701	-0.110	6.722	-0.085	6.827	-0.070	6.849	-0.057	6.878	-0.049
2.836	0.009	2.878	0.009	2.913	0.007	2.939	0.007	6.849	-0.057	6.878	-0.049	6.903	-0.054	7.022	-0.009	7.046	-0.022	7.073	0.058
2.963	-0.012	2.991	-0.028	3.009	-0.055	3.030	-0.061	6.903	-0.054	7.022	-0.009	7.046	-0.022	7.131	0.089	7.161	0.101	7.190	0.095
3.063	-0.035	3.087	-0.010	3.106	0.007	3.138	0.015	7.046	-0.022	7.131	0.089	7.161	0.101	7.235	0.082	7.260	0.076	7.295	0.072
3.166	0.003	3.189	-0.018	3.213	-0.055	3.226	-0.080	7.161	0.101	7.190	0.095	7.212	0.088	7.340	0.053	7.367	0.066	7.399	0.078
3.247	-0.109	3.274	-0.130	3.295	-0.136	3.317	-0.128	7.212	0.088	7.235	0.082	7.260	0.076	7.340	0.053	7.367	0.066	7.399	0.078
3.344	-0.114	3.364	-0.095	3.392	-0.086	3.418	-0.045	7.340	0.053	7.367	0.066	7.399	0.078	7.459	0.086	7.480	0.086	7.500	0.086
3.440	-0.037	3.463	-0.032	3.490	-0.016	3.509	0.013	7.459	0.086	7.480	0.086	7.500	0.086						

7.485	0.063	7.509	0.034	7.523	0.006	7.560	-0.028	14.277	0.180	14.299	0.178	14.328	0.174	14.353	0.174
7.594	-0.011	7.618	0.006	7.655	0.012	7.694	0.012	14.380	0.166	14.412	0.159	14.438	0.137	14.467	0.112
7.721	-0.001	7.751	-0.017	7.787	-0.038	7.817	-0.042	14.491	0.098	14.518	0.073	14.542	0.050	14.567	0.019
7.861	-0.044	7.893	-0.069	7.929	-0.082	7.955	-0.094	14.596	-0.005	14.625	-0.014	14.655	-0.022	14.689	-0.040
7.998	-0.080	8.037	-0.064	8.087	-0.039	8.123	-0.010	14.721	-0.069	14.743	-0.098	14.770	-0.129	14.794	-0.147
8.173	0.013	8.224	0.012	8.266	0.002	8.316	0.002	14.826	-0.172	14.855	-0.182	14.890	-0.195	14.909	-0.211
8.351	0.004	8.395	0.008	8.437	0.022	8.483	0.040	14.944	-0.238	14.984	-0.205	15.005	-0.163	15.019	-0.132
8.525	0.057	8.560	0.069	8.597	0.061	8.631	0.051	15.045	-0.099	15.077	-0.066	15.085	-0.062	15.106	-0.049
8.662	0.030	8.695	0.013	8.719	0.009	8.755	0.019	15.135	-0.035	15.168	-0.022	15.203	-0.004	15.232	0.019
8.784	0.029	8.803	0.038	8.838	0.023	8.861	0.004	15.267	0.042	15.299	0.044	15.333	0.069	15.362	0.096
8.880	-0.010	8.909	-0.022	8.953	-0.018	8.997	-0.006	15.390	0.125	15.413	0.148	15.434	0.179	15.458	0.197
9.037	-0.006	9.072	-0.010	9.105	-0.020	9.144	-0.010	15.467	0.201	15.493	0.193	15.520	0.168	15.538	0.143
9.169	0.017	9.199	0.050	9.225	0.052	9.260	0.028	15.554	0.114	15.583	0.089	15.608	0.089	15.640	0.083
9.284	-0.012	9.310	-0.041	9.337	-0.068	9.361	-0.076	15.672	0.074	15.696	0.070	15.735	0.066	15.762	0.045
9.386	-0.072	9.420	-0.072	9.457	-0.090	9.482	-0.096	15.788	0.024	15.810	0.006	15.845	-0.017	15.877	-0.036
9.529	-0.080	9.561	-0.065	9.610	-0.055	9.650	-0.046	15.898	-0.061	15.917	-0.081	15.941	-0.117	15.969	-0.146
9.695	-0.042	9.721	-0.034	9.754	0.002	9.778	0.027	16.001	-0.164	16.036	-0.158	16.070	-0.148	16.103	-0.141
9.807	0.034	9.834	0.066	9.877	0.070	9.909	0.064	16.145	-0.137	16.174	-0.139	16.215	-0.125	16.252	-0.106
9.944	0.062	9.986	0.075	10.021	0.102	10.056	0.122	16.279	-0.081	16.302	-0.054	16.323	-0.029	16.347	0.002
10.083	0.137	10.114	0.145	10.160	0.106	10.181	0.071	16.376	0.029	16.409	0.046	16.435	0.058	16.462	0.081
10.210	0.021	10.235	-0.016	10.256	-0.045	10.277	-0.076	16.488	0.102	16.523	0.116	16.550	0.133	16.576	0.148
10.309	-0.111	10.357	-0.130	10.395	-0.144	10.432	-0.156	16.605	0.154	16.625	0.148	16.656	0.138	16.685	0.140
10.474	-0.173	10.510	-0.185	10.545	-0.199	10.568	-0.207	16.717	0.138	16.742	0.109	16.766	0.088	16.790	0.064
10.601	-0.193	10.627	-0.149	10.653	-0.112	10.672	-0.072	16.813	0.033	16.837	0.014	16.858	-0.006	16.894	-0.012
10.699	-0.043	10.725	-0.010	10.753	0.027	10.793	0.071	16.930	-0.023	16.955	-0.022	16.983	-0.025	16.992	-0.045
10.827	0.112	10.843	0.146	10.872	0.179	10.905	0.206	17.016	-0.068	17.041	-0.086	17.062	-0.111	17.089	-0.125
10.948	0.219	10.986	0.223	11.025	0.218	11.060	0.208	17.126	-0.131	17.157	-0.117	17.184	-0.108	17.216	-0.108
11.093	0.193	11.124	0.156	11.151	0.140	11.175	0.111	17.248	-0.104	17.284	-0.102	17.305	-0.103	17.336	-0.081
11.297	0.027	11.318	-0.072	11.345	-0.123	11.366	-0.152	17.355	-0.051	17.376	-0.037	17.399	-0.010	17.441	0.007
11.392	-0.193	11.419	-0.216	11.444	-0.228	11.474	-0.237	17.470	0.011	17.498	0.022	17.529	0.044	17.572	0.070
11.513	-0.230	11.543	-0.216	11.562	-0.195	11.584	-0.170	17.592	0.072	17.632	0.080	17.664	0.086	17.701	0.089
11.608	-0.149	11.643	-0.129	11.674	-0.112	11.706	-0.091	17.733	0.097	17.760	0.108	17.797	0.114	17.825	0.097
11.738	-0.066	11.776	-0.033	11.800	-0.008	11.829	0.044	17.848	0.097	17.880	0.048	17.905	0.025	17.937	0.019
11.856	0.073	11.878	0.098	11.902	0.116	11.929	0.137	17.959	0.019	17.988	0.015	18.032	-0.008	18.085	-0.045
11.952	0.162	11.977	0.180	12.011	0.195	12.041	0.205	18.130	-0.070	18.168	-0.084	18.184	-0.101	18.219	-0.109
12.075	0.216	12.095	0.193	12.119	0.178	12.139	0.156	18.263	-0.115	18.300	-0.105	18.337	-0.084	18.376	-0.072
12.172	0.154	12.198	0.145	12.228	0.127	12.258	0.110	18.426	-0.063	18.466	-0.057	18.509	-0.047	18.536	-0.028
12.287	0.089	12.318	0.056	12.350	0.029	12.377	0.002	18.568	-0.007	18.613	-0.005	18.656	0.003	18.680	0.020
12.410	-0.024	12.442	-0.047	12.473	-0.078	12.498	-0.105	18.705	0.041	18.729	0.063	18.751	0.080	18.779	0.090
12.530	-0.142	12.569	-0.175	12.599	-0.192	12.636	-0.192	18.815	0.090	18.854	0.082	18.887	0.078	18.926	0.091
12.671	-0.192	12.700	-0.183	12.734	-0.173	12.748	-0.169	18.951	0.093	18.983	0.085	19.011	0.066	19.046	0.043
12.772	-0.171	12.806	-0.177	12.836	-0.156	12.854	-0.137	19.073	0.025	19.105	0.019	19.144	0.002	19.176	-0.010
12.882	-0.106	12.908	-0.065	12.927	-0.024	12.951	0.005	19.203	-0.033	19.232	-0.058	19.253	-0.078	19.277	-0.097
12.972	0.034	12.996	0.048	13.024	0.073	13.048	0.094	19.310	-0.097	19.349	-0.094	19.363	-0.092	19.382	-0.098
13.071	0.120	13.088	0.156	13.107	0.180	13.130	0.197	19.424	-0.115	19.458	-0.125	19.501	-0.108	19.536	-0.090
13.160	0.219	13.195	0.215	13.214	0.198	13.241	0.184	19.560	-0.063	19.586	-0.040	19.608	-0.031	19.637	-0.029
13.275	0.179	13.315	0.175	13.347	0.154	13.385	0.137	19.669	-0.023	19.697	-0.018	19.735	0.009	19.757	0.040
13.414	0.110	13.436	0.077	13.452	-0.056	13.477	0.044	19.789	-0.061	19.818	0.067	19.847	0.069	19.874	0.077
13.509	-0.031	13.538	-0.000	13.559	-0.036	13.586	-0.067	19.902	0.082	19.927	0.090	19.956	0.098	19.989	0.103
13.609	-0.098	13.640	-0.132	13.657	-0.173	13.689	-0.204	20.020	0.090	20.047	0.076	20.072	0.057	20.096	0.047
13.727	-0.201	13.757	-0.186	13.799	-0.187	13.829	-0.191	20.135	0.043	20.163	0.037	20.202	0.031	20.234	0.010
13.866	-0.187	13.904	-0.166	13.936	-0.140	13.964	-0.105	20.272	-0.021	20.309	-0.033	20.349	-0.052	20.384	-0.066
13.987	-0.067	14.012	-0.034	14.039	-0.001	14.066	0.030	20.417	-0.070	20.456	-0.075	20.488	-0.079	20.525	-0.083
14.092	0.054	14.111	0.077	14.138	0.104	14.160	0.108	20.578	-0.085	20.622	-0.087	20.666	-0.095	20.714	-0.084
14.183	0.114	14.203	0.137	14.224	0.156	14.245	0.176	20.773	-0.053	20.821	-0.016	20.856	-0.007	20.880	0.026
								20.921	0.036	20.960	0.045	21.003	0.047	21.048	0.056

21.094	0.066	21.131	0.083	21.182	0.089	21.235	0.090	29.655	0.012	29.692	0.024	29.712	0.022	29.750	0.030
21.267	0.071	21.298	0.081	21.334	0.034	21.370	-0.003	29.773	0.028	29.798	0.026	29.834	0.014	29.869	0.006
21.412	-0.023	21.463	-0.033	21.503	-0.033	21.542	-0.035	29.899	-0.007	29.926	-0.007	29.954	-0.004	29.984	-0.011
21.579	-0.049	21.614	-0.074	21.659	-0.076	21.703	-0.071	30.020	-0.011	30.048	-0.013	30.081	-0.002	30.118	-0.002
21.745	-0.071	21.792	-0.061	21.830	-0.033	21.862	-0.017	30.157	-0.006	30.191	-0.011	30.242	-0.013	30.286	-0.018
21.889	-0.006	21.932	0.008	21.977	0.017	22.030	0.023	30.331	-0.018	30.363	-0.012	30.401	-0.013	30.414	0.001
22.078	0.038	22.121	0.052	22.152	0.071	22.198	0.079	30.444	0.007	30.478	0.018	30.499	0.020	30.519	0.009
22.232	0.079	22.278	0.069	22.326	0.055	22.374	0.048	30.548	-0.006	30.574	-0.013	30.598	-0.013	30.635	-0.005
22.414	0.030	22.464	0.018	22.517	0.011	22.565	0.001	30.667	-0.000	30.707	0.013	30.737	0.021	30.770	0.020
22.617	-0.028	22.656	-0.046	22.699	-0.071	22.732	-0.086	30.793	0.027	30.820	0.018	30.871	0.016	30.999	0.013
22.771	-0.086	22.811	-0.084	22.849	-0.065	22.892	-0.055	30.916	0.010	30.937	0.000	30.960	-0.008	30.971	-0.004
22.939	-0.028	22.961	-0.017	22.994	-0.020	23.038	-0.018	31.000	-0.012	31.027	-0.005	31.053	-0.002	31.077	0.004
23.071	-0.009	23.111	0.020	23.145	0.038	23.181	0.057	31.102	0.002	31.129	0.000	31.164	-0.008	31.195	-0.016
23.216	0.061	23.242	0.067	23.287	0.079	23.325	0.050	31.222	0.020	31.248	-0.024	31.272	-0.024	31.298	-0.026
23.358	0.033	23.390	0.029	23.435	0.037	23.472	0.027	31.317	-0.011	31.343	-0.019	31.367	-0.015	31.388	-0.002
23.519	0.022	23.560	0.014	23.605	-0.007	23.653	-0.009	31.418	0.000	31.449	0.015	31.477	0.027	31.496	0.032
23.690	-0.034	23.719	-0.051	23.757	-0.058	23.804	-0.041	31.520	0.028	31.543	0.026	31.576	0.029	31.607	0.029
23.858	-0.031	23.901	-0.035	23.946	-0.037	23.991	-0.042	31.632	0.027	31.662	0.034	31.688	0.045	31.731	0.049
24.033	-0.029	24.081	-0.015	24.139	0.002	24.189	0.008	31.757	0.045	31.787	0.049	31.809	0.045	31.833	0.043
24.224	0.023	24.266	0.031	24.314	0.031	24.353	0.025	31.856	0.039	31.876	0.033	31.900	0.027	31.929	0.018
24.410	0.021	24.463	0.021	24.525	0.026	24.584	0.020	31.952	0.008	31.983	0.004	32.019	-0.000	32.046	0.000
24.632	-0.012	24.680	-0.013	24.734	-0.035	24.785	-0.037	32.071	-0.002	32.107	-0.002	32.131	-0.002	32.156	-0.010
24.840	-0.043	24.891	-0.047	24.940	-0.036	24.991	-0.048	32.185	-0.013	32.214	-0.017	32.239	-0.025	32.268	-0.039
25.034	-0.049	25.066	-0.049	25.107	-0.039	25.149	-0.013	32.294	-0.047	32.316	-0.047	32.335	-0.048	32.359	-0.048
25.195	0.002	25.254	0.014	25.311	0.021	25.348	0.032	32.385	-0.039	32.399	-0.029	32.428	-0.020	32.449	-0.007
25.392	0.032	25.429	0.036	25.467	0.034	25.507	0.038	32.475	0.002	32.496	-0.000	32.522	0.009	32.554	0.005
25.547	0.047	25.590	0.039	25.639	0.030	25.676	0.010	32.583	0.003	32.612	0.002	32.638	0.010	32.651	0.015
25.719	0.002	25.770	0.002	25.820	-0.000	25.877	-0.004	32.664	0.021	32.688	0.017	32.707	0.028	32.746	0.033
25.939	-0.023	25.985	-0.035	26.043	-0.046	26.100	-0.046	32.769	0.037	32.799	0.042	32.835	0.038	32.856	0.033
26.151	-0.027	26.189	-0.023	26.237	-0.025	26.287	-0.025	32.876	0.039	32.901	0.031	32.929	0.021	32.957	0.024
26.338	-0.027	26.386	-0.018	26.439	-0.007	26.492	0.003	32.990	0.020	33.024	0.014	33.055	0.015	33.090	0.009
26.540	0.018	26.585	0.031	26.629	0.038	26.681	0.042	33.112	0.003	33.148	-0.005	33.175	-0.015	33.205	-0.021
26.742	0.049	26.785	0.051	26.832	0.041	26.865	0.031	33.269	-0.031	33.273	-0.044	33.299	-0.047	33.332	-0.047
26.912	0.021	26.965	0.022	27.008	0.022	27.053	0.014	33.369	-0.049	33.406	-0.045	33.452	-0.036	33.495	-0.033
27.101	-0.006	27.144	-0.016	27.188	-0.026	27.228	-0.027	33.542	-0.023	33.580	-0.012	33.620	0.009	33.661	0.013
27.271	-0.029	27.313	-0.025	27.356	-0.022	27.393	-0.022	33.700	0.024	33.738	0.031	33.784	0.039	33.846	0.049
27.423	-0.021	27.453	-0.025	27.482	-0.023	27.520	-0.025	33.886	0.051	33.933	0.051	33.965	0.042	34.000	0.046
27.579	-0.009	27.629	0.003	27.680	0.027	27.738	0.036	34.030	0.042	34.088	0.040	34.099	0.042	34.129	0.036
27.758	0.040	27.782	0.041	27.800	0.043	27.827	0.044	34.161	0.030	34.188	0.022	34.225	0.011	34.252	0.001
27.862	0.042	27.900	0.047	27.938	0.045	27.973	0.044	34.289	-0.011	34.320	-0.016	34.343	-0.022	34.368	-0.026
28.001	0.042	28.028	0.042	28.058	0.034	28.085	0.033	34.392	-0.024	34.421	-0.027	34.441	-0.021	34.473	-0.018
28.111	0.025	28.135	0.021	28.160	0.009	28.181	0.001	34.500	-0.022	34.531	-0.022	34.551	-0.022	34.577	-0.021
28.201	-0.001	28.228	-0.017	28.254	-0.025	28.285	-0.035	34.608	-0.023	34.637	-0.027	34.640	-0.019	34.658	-0.021
28.306	-0.035	28.343	-0.039	28.382	-0.039	28.417	-0.039	34.675	-0.020	34.701	-0.018	34.720	-0.022	34.740	-0.018
28.437	-0.034	28.470	-0.026	28.499	-0.024	28.523	-0.026	34.761	-0.018	34.780	-0.012	34.798	-0.005	34.812	0.007
28.551	-0.022	28.577	-0.022	28.606	-0.024	28.628	-0.020	34.834	0.005	34.863	0.007	34.896	0.016	34.918	0.020
28.652	-0.016	28.682	-0.016	28.682	-0.003	28.706	0.009	34.939	0.022	34.969	0.020	34.994	0.024	35.018	0.029
28.725	0.024	28.743	0.036	28.765	0.034	28.781	0.040	35.045	0.027	35.077	0.027	35.102	0.033	35.121	0.038
28.800	0.044	28.821	0.046	28.853	0.046	28.874	0.041	35.140	0.033	35.163	0.038	35.178	0.042	35.197	0.038
28.904	0.033	28.932	0.037	28.959	0.035	28.983	0.028	35.224	0.038	35.250	0.030	35.272	0.023	35.297	0.017
29.004	0.034	29.025	0.032	29.049	0.026	29.050	0.026	35.334	0.013	35.361	0.011	35.396	0.005	35.420	0.005
29.076	0.032	29.097	0.032	29.124	0.028	29.144	0.026	35.458	-0.001	35.484	-0.000	35.517	-0.006	35.551	-0.004
29.176	0.016	29.194	0.014	29.218	-0.002	29.245	-0.012	35.587	-0.014	35.623	-0.019	35.654	-0.019	35.699	-0.018
29.284	-0.017	29.309	-0.011	29.337	-0.008	29.375	-0.007	35.730	-0.022	35.765	-0.015	35.795	-0.009	35.827	-0.009
29.415	-0.003	29.451	0.005	29.480	0.006	29.510	0.010	35.854	-0.013	35.886	-0.015	35.918	-0.018	35.943	-0.016
29.536	0.006	29.564	0.002	29.596	0.002	29.629	0.002	35.986	-0.016	36.014	-0.012	36.045	-0.005	36.082	0.020

36.108	0.028	36.141	0.036	36.179	0.041	36.214	0.037
36.245	0.029	36.275	0.027	36.321	0.013	36.356	0.014
36.390	0.008	36.426	0.011	36.468	0.007	36.511	0.008
36.541	-0.002	36.579	-0.008	36.613	-0.020	36.653	-0.033
36.686	-0.041	36.727	-0.034	36.761	-0.036	36.798	-0.027
36.834	-0.024	36.869	-0.017	36.901	-0.021	36.924	-0.021
36.956	-0.019	36.982	-0.020	37.012	-0.024	37.041	-0.010
37.068	0.005	37.097	0.007	37.118	0.020	37.147	0.034
37.176	0.032	37.205	0.038	37.234	0.034	37.264	0.025
37.298	0.021	37.333	0.017	37.380	0.041	37.414	0.019
37.451	0.025	37.486	0.023	37.517	0.023	37.547	0.015
37.583	0.002	37.621	-0.012	37.653	-0.018	37.686	-0.022
37.716	-0.015	37.753	-0.019	37.792	-0.020	37.829	-0.016
37.878	-0.021	37.923	-0.021	37.954	-0.024	37.991	-0.024
38.033	-0.024	38.070	-0.012	38.110	0.013	38.147	0.026
38.174	0.035	38.203	0.033	38.227	0.035	38.259	0.027
38.296	0.032	38.338	0.018	38.370	0.019	38.384	0.025
38.413	0.036	38.449	0.034	38.479	0.039	38.510	0.031
38.550	0.023	38.585	0.016	38.622	-0.002	38.662	-0.013
38.712	-0.013	38.744	-0.010	38.775	-0.010	38.799	0.000
38.836	-0.003	38.854	-0.009	38.885	-0.011	38.913	-0.017
38.930	-0.013	38.960	-0.014	39.008	-0.013	39.043	-0.008
39.070	0.003	39.094	0.003	39.121	0.008	39.147	0.010
39.177	0.009	39.212	0.007	39.241	-0.003	39.273	-0.001
39.308	0.004	39.343	0.006	39.376	0.011	39.402	0.003
39.429	0.013	39.459	0.020	39.491	0.018	39.518	0.019
39.540	0.017	39.568	0.013	39.600	0.013	39.630	0.005
39.665	0.008	39.699	0.006	39.724	0.010	39.760	0.010
39.787	0.013	39.819	0.009	39.848	0.005	39.878	0.003
39.910	-0.001	39.946	-0.001	39.979	0.003	40.014	-0.000
40.043	0.006	40.068	0.006	40.098	0.007	40.130	0.005
40.163	0.003	40.192	-0.005	40.222	-0.009	40.239	-0.006
40.270	-0.010	40.289	-0.010	40.309	-0.014	40.324	-0.014
40.341	-0.014	40.363	-0.005	40.379	-0.003	40.410	-0.005
40.437	-0.011	40.468	-0.005	40.480	-0.009	40.517	-0.006
40.550	-0.010	40.578	-0.007	40.606	-0.011	40.639	-0.006
40.673	0.009	40.702	0.007	40.734	0.005	40.766	0.003
40.813	0.003	40.835	0.008	40.876	0.008	40.913	0.012
40.941	0.012	40.980	0.012	41.016	0.014	41.037	0.012
41.065	0.014	41.093	0.013	41.117	0.009	41.137	0.000
41.156	-0.006	41.179	-0.012	41.204	-0.016	41.227	-0.018
41.241	-0.009	41.287	-0.007	41.310	-0.013	41.342	-0.015
41.368	-0.010	41.400	-0.016	41.426	-0.018	41.447	-0.022
41.466	-0.026	41.489	-0.035	41.530	-0.036	41.569	-0.038
41.607	-0.034	41.633	-0.024	41.658	-0.019	41.691	-0.013
41.721	-0.006	41.759	-0.004	41.817	-0.015	41.844	-0.002
41.884	0.006	41.920	0.009	41.958	0.026	41.986	0.025
42.016	0.032	42.041	0.032	42.089	0.033	42.105	0.031
42.137	0.025	42.162	0.024	42.181	0.020	42.217	0.010
42.231	0.004	42.257	0.006	42.274	0.006	42.294	0.008
42.313	0.002	42.330	0.000	42.363	-0.002	42.387	-0.006
42.419	-0.007	42.444	-0.020	42.460	-0.012		

IY374

68.100 4/8/68 1830PST PASADENA JPL, 9TH FLOOR

DOWN

1842 POINTS 42.433 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0179 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.003	0.018	0.012	0.051	0.005	0.078	-0.012	3.038	-0.017	3.063	-0.036	3.092	-0.019	3.119	-0.007	3.142	-0.034	3.173	-0.024
0.102	-0.012	0.134	0.001	0.147	-0.007	0.174	0.005	3.142	-0.007	3.173	-0.024	3.199	-0.034	3.225	-0.037	3.250	-0.001	3.280	-0.001
0.198	0.003	0.219	-0.001	0.235	-0.014	0.249	0.008	3.260	-0.018	3.280	-0.001	3.300	0.005	3.324	-0.007	3.344	-0.031	3.376	-0.031
0.276	-0.014	0.302	-0.022	0.329	-0.031	0.350	-0.033	3.344	-0.018	3.376	-0.031	3.415	0.001	3.442	0.024	3.470	0.035	3.496	-0.045
0.385	-0.022	0.408	-0.008	0.423	-0.010	0.437	-0.012	3.470	0.035	3.500	0.016	3.523	0.028	3.541	0.005	3.566	-0.014	3.581	-0.007
0.455	-0.008	0.474	0.001	0.496	0.017	0.528	0.011	3.550	0.016	3.566	-0.014	3.581	-0.007	3.605	-0.028	3.625	-0.011	3.644	-0.020
0.542	0.005	0.555	0.017	0.567	-0.002	0.574	0.013	3.625	-0.011	3.644	-0.020	3.664	-0.005	3.678	-0.009	3.691	-0.002	3.703	-0.043
0.588	0.001	0.599	0.011	0.610	0.009	0.612	0.015	3.703	-0.043	3.722	-0.036	3.753	-0.022	3.766	-0.011	3.772	-0.043	3.791	-0.036
0.625	0.000	0.640	0.026	0.648	0.028	0.658	0.030	3.772	-0.043	3.791	-0.036	3.820	-0.013	3.841	0.003	3.860	0.012	3.887	-0.007
0.664	0.017	0.674	0.015	0.685	0.030	0.696	0.023	3.860	0.012	3.887	-0.007	3.911	-0.024	3.930	-0.024	3.944	-0.001	3.967	0.001
0.702	0.015	0.709	0.005	0.723	-0.004	0.737	0.002	3.967	0.001	3.988	0.020	4.007	0.048	4.033	0.054	4.056	-0.014	4.079	-0.051
0.744	-0.016	0.756	-0.010	0.771	-0.012	0.785	0.002	4.056	-0.014	4.079	-0.051	4.113	0.018	4.143	-0.007	4.166	-0.028	4.194	-0.051
0.793	0.017	0.807	0.005	0.810	0.030	0.823	0.007	4.166	-0.028	4.194	-0.051	4.220	-0.051	4.244	-0.036	4.265	-0.022	4.292	-0.013
0.839	0.028	0.857	0.017	0.874	0.015	0.885	0.021	4.265	-0.022	4.292	-0.013	4.318	-0.013	4.346	-0.014	4.370	-0.024	4.397	-0.039
0.903	0.028	0.924	0.021	0.940	0.015	0.959	-0.002	4.370	-0.024	4.397	-0.039	4.423	-0.031	4.448	-0.006	4.469	0.024	4.493	0.053
0.975	-0.031	0.995	-0.014	1.008	-0.006	1.027	-0.023	4.469	0.024	4.493	0.053	4.518	0.055	4.542	0.026	4.568	-0.004	4.599	-0.017
1.051	-0.031	1.062	-0.019	1.082	-0.021	1.104	-0.014	4.568	-0.004	4.599	-0.017	4.601	-0.021	4.624	-0.008	4.648	-0.017	4.671	-0.040
1.121	0.000	1.142	0.002	1.171	-0.008	1.184	-0.021	4.671	-0.040	4.690	-0.021	4.708	-0.040	4.741	-0.017	4.761	-0.028	4.780	-0.028
1.204	-0.025	1.224	-0.031	1.246	-0.046	1.276	-0.035	4.780	-0.028	4.810	-0.038	4.830	-0.038	4.843	-0.028	4.866	-0.011	4.881	-0.009
1.289	-0.029	1.306	-0.014	1.332	-0.012	1.355	-0.012	4.866	-0.011	4.881	-0.009	4.910	-0.017	4.940	-0.047	4.967	-0.072	4.999	-0.034
1.377	-0.008	1.401	-0.012	1.415	-0.006	1.430	-0.016	4.967	-0.072	4.999	-0.034	5.015	-0.023	5.023	0.017	5.042	0.025	5.066	0.025
1.454	-0.012	1.476	-0.020	1.502	-0.012	1.518	-0.004	5.042	0.025	5.066	0.025	5.091	0.008	5.101	0.017	5.124	-0.017	5.142	0.017
1.537	0.011	1.555	-0.006	1.574	-0.010	1.598	-0.018	5.124	-0.017	5.142	0.017	5.164	-0.017	5.182	-0.006	5.207	-0.040	5.236	0.030
1.616	-0.014	1.625	0.009	1.638	-0.004	1.651	0.009	5.207	-0.040	5.236	0.030	5.271	-0.038	5.288	0.007	5.304	0.017	5.336	0.007
1.664	0.005	1.670	0.024	1.693	-0.003	1.706	0.011	5.304	0.017	5.336	0.007	5.358	0.017	5.377	0.018	5.398	0.005	5.422	-0.007
1.718	-0.003	1.730	0.003	1.744	-0.012	1.763	-0.006	5.398	0.005	5.422	-0.007	5.442	0.005	5.466	-0.011	5.498	0.022	5.520	0.001
1.782	0.003	1.802	-0.012	1.824	0.005	1.831	0.018	5.498	0.022	5.520	0.001	5.543	0.012	5.563	-0.032	5.576	-0.046	5.601	-0.053
1.858	0.011	1.877	0.014	1.893	-0.007	1.916	-0.032	5.576	-0.046	5.601	-0.053	5.622	-0.011	5.646	-0.023	5.665	-0.036	5.701	-0.010
1.935	-0.039	1.959	-0.041	1.975	-0.024	1.998	-0.022	5.665	-0.036	5.701	-0.010	5.721	-0.050	5.735	-0.071	5.765	-0.071	5.786	-0.031
2.017	-0.028	2.038	-0.036	2.050	-0.047	2.078	-0.038	5.765	-0.071	5.786	-0.031	5.813	0.003	5.830	0.007	5.846	0.024	5.869	0.005
2.102	-0.026	2.121	-0.017	2.139	-0.002	2.160	-0.002	5.846	0.024	5.869	0.005	5.908	-0.003	5.937	-0.003	5.962	0.006	5.994	-0.019
2.184	-0.000	2.205	-0.015	2.224	-0.015	2.251	0.004	5.962	0.006	5.994	-0.019	6.025	-0.036	6.044	-0.030	6.061	-0.006	6.077	-0.011
2.277	0.013	2.299	0.011	2.315	-0.010	2.339	-0.037	6.061	-0.006	6.077	-0.011	6.115	0.032	6.144	0.013	6.162	-0.036	6.176	-0.004
2.367	-0.031	2.386	-0.010	2.428	-0.012	2.447	-0.012	6.162	-0.036	6.176	-0.004	6.205	-0.031	6.220	-0.006	6.243	-0.043	6.260	-0.022
2.468	0.013	2.489	0.021	2.513	0.019	2.532	0.007	6.243	-0.043	6.260	-0.022	6.276	-0.005	6.291	-0.003	6.306	-0.020	6.332	0.003
2.559	-0.002	2.582	0.005	2.596	-0.008	2.615	0.005	6.306	-0.020	6.332	0.003	6.359	-0.001	6.385	-0.016	6.411	-0.007	6.437	-0.008
2.641	-0.006	2.668	-0.008	2.692	-0.024	2.718	-0.033	6.411	-0.007	6.437	-0.008	6.463	0.011	6.485	-0.016	6.511	-0.017	6.538	-0.017
2.731	-0.029	2.755	-0.014	2.780	0.005	2.803	0.022	6.511	-0.017	6.538	-0.017	6.563	0.004	6.585	-0.016	6.608	0.073	6.634	0.004
2.833	0.022	2.852	0.024	2.880	0.011	2.899	0.017	6.608	0.073	6.634	0.004	6.659	-0.032	6.682	-0.015	6.707	-0.047	6.731	-0.032
2.927	0.042	2.959	0.063	2.995	0.036	3.014	0.008	6.731	-0.032	6.759	-0.047	6.785	-0.015	6.807	-0.002	6.830	-0.011	6.853	-0.004

6.770	0.041	6.811	-0.001	6.827	-0.024	6.858	-0.060	12.775	-0.045	12.801	-0.022	12.846	-0.007	12.884	-0.023
6.898	-0.050	6.928	-0.039	6.960	-0.027	6.987	-0.010	12.908	-0.027	12.930	-0.040	12.960	-0.016	12.986	-0.001
7.005	-0.017	7.035	0.008	7.075	0.023	7.102	0.037	13.016	0.016	13.043	-0.001	13.067	-0.026	13.099	-0.051
7.118	0.045	7.124	0.029	7.136	0.052	7.169	0.001	13.130	-0.029	13.147	0.008	13.170	0.036	13.195	0.021
7.190	-0.014	7.203	0.007	7.217	-0.020	7.243	-0.001	13.222	-0.001	13.256	-0.007	13.284	0.003	13.329	0.016
7.276	-0.023	7.303	-0.037	7.326	-0.052	7.356	-0.056	13.348	0.031	13.367	0.045	13.374	0.043	13.390	0.029
7.380	-0.037	7.389	-0.018	7.408	-0.010	7.427	-0.020	13.407	0.027	13.431	0.045	13.453	-0.003	13.475	-0.007
7.434	0.007	7.459	-0.003	7.471	0.012	7.490	0.003	13.498	-0.015	13.539	-0.015	13.574	-0.024	13.606	-0.030
7.524	-0.018	7.556	0.001	7.573	-0.011	7.589	0.008	13.628	-0.007	13.673	-0.002	13.693	-0.026	13.713	-0.049
7.618	-0.033	7.647	0.040	7.676	0.019	7.697	0.013	13.738	-0.072	13.775	-0.042	13.795	-0.013	13.819	-0.000
7.721	-0.027	7.753	-0.006	7.770	0.023	7.792	0.009	13.840	-0.011	13.864	-0.024	13.888	-0.022	13.929	-0.026
7.808	0.036	7.847	0.015	7.878	-0.003	7.913	-0.024	13.959	-0.031	13.979	-0.020	14.006	-0.031	14.034	-0.031
7.943	-0.049	7.960	-0.036	7.983	-0.047	8.007	-0.005	14.060	-0.029	14.081	-0.004	14.100	0.008	14.130	-0.000
8.040	-0.038	8.077	0.013	8.111	-0.017	8.134	-0.014	14.152	-0.011	14.171	-0.026	14.202	-0.026	14.230	-0.011
8.166	-0.016	8.195	-0.029	8.234	-0.018	8.254	-0.024	14.249	-0.005	14.285	0.009	14.318	-0.009	14.348	-0.018
8.292	-0.003	8.325	-0.009	8.357	-0.032	8.403	-0.038	14.374	-0.024	14.395	-0.003	14.430	-0.009	14.452	-0.001
8.443	-0.025	8.487	-0.008	8.506	0.031	8.546	0.069	14.476	-0.007	14.505	0.006	14.529	0.010	14.554	0.016
8.582	0.038	8.594	-0.008	8.620	-0.058	8.643	-0.063	14.586	0.004	14.612	-0.009	14.642	-0.046	14.668	-0.044
8.672	-0.023	8.681	0.024	8.705	0.043	8.736	0.032	14.687	-0.042	14.713	-0.012	14.732	-0.021	14.757	-0.002
8.782	-0.016	8.782	-0.052	8.806	-0.043	8.845	-0.016	14.786	-0.012	14.812	-0.037	14.840	-0.048	14.872	-0.035
8.870	-0.016	8.896	0.011	8.918	0.026	8.942	0.032	14.904	-0.026	14.932	-0.041	14.981	-0.024	15.026	-0.012
8.968	0.009	9.011	0.038	9.038	0.024	9.062	0.007	15.058	-0.004	15.096	-0.002	15.128	-0.013	15.149	-0.012
9.096	-0.018	9.108	-0.018	9.129	-0.033	9.175	-0.020	15.168	0.002	15.207	0.005	15.237	-0.010	15.256	-0.029
9.199	-0.010	9.225	-0.010	9.254	-0.016	9.279	0.017	15.283	-0.043	15.315	-0.022	15.341	-0.001	15.368	-0.010
9.324	-0.019	9.354	0.000	9.380	-0.010	9.402	0.015	15.405	-0.003	15.424	-0.028	15.448	-0.034	15.468	-0.017
9.446	0.000	9.471	0.002	9.489	-0.017	9.521	-0.006	15.501	0.006	15.522	0.017	15.557	0.006	15.578	0.002
9.554	-0.004	9.586	-0.021	9.613	-0.036	9.615	-0.036	15.597	-0.004	15.628	-0.008	15.656	-0.002	15.682	0.009
9.653	-0.015	9.684	0.010	9.700	-0.003	9.719	0.008	15.716	0.017	15.727	0.032	15.757	0.011	15.797	-0.016
9.762	-0.017	9.764	-0.017	9.767	-0.013	9.791	-0.028	15.826	-0.036	15.855	-0.049	15.877	-0.013	15.905	-0.004
9.843	0.007	9.853	0.018	9.880	-0.003	9.914	-0.011	15.925	0.004	15.950	-0.014	15.977	-0.029	15.988	-0.018
9.943	0.003	9.972	0.022	10.015	0.007	10.055	0.009	16.007	-0.047	16.042	-0.047	16.071	-0.023	16.091	-0.006
10.085	0.009	10.112	0.016	10.144	0.014	10.178	0.009	16.111	0.004	16.137	0.002	16.166	-0.027	16.188	-0.016
10.211	-0.007	10.232	-0.001	10.247	-0.024	10.270	0.009	16.219	-0.037	16.233	-0.011	16.281	0.006	16.310	0.002
10.290	-0.012	10.314	0.001	10.328	-0.022	10.347	-0.041	16.347	-0.008	16.399	0.001	16.422	-0.005	16.456	-0.000
10.368	-0.025	10.397	-0.027	10.424	0.002	10.466	0.002	16.489	0.000	16.518	-0.003	16.547	-0.013	16.584	-0.005
10.499	0.006	10.528	-0.003	10.557	-0.034	10.585	-0.039	16.608	0.019	16.630	-0.002	16.659	0.022	16.675	-0.003
10.614	-0.028	10.637	-0.016	10.677	-0.014	10.704	-0.019	16.696	0.014	16.738	0.002	16.755	0.021	16.774	0.008
10.736	-0.010	10.768	-0.021	10.790	-0.002	10.811	-0.013	16.806	0.036	16.826	0.007	16.866	0.020	16.893	0.029
10.828	0.004	10.851	0.006	10.871	-0.002	10.902	0.010	16.917	0.029	16.931	0.010	16.960	0.007	16.990	0.011
10.922	0.012	10.953	0.002	10.969	-0.017	10.997	-0.026	17.011	0.012	17.045	-0.001	17.078	-0.013	17.089	-0.013
11.020	-0.026	11.037	-0.000	11.056	0.018	11.080	0.016	17.118	-0.004	17.137	-0.018	17.168	-0.005	17.205	-0.009
11.095	0.020	11.120	0.016	11.144	0.025	11.165	0.008	17.224	0.006	17.245	-0.015	17.280	-0.002	17.310	0.006
11.184	-0.001	11.210	-0.001	11.235	0.010	11.254	0.008	17.328	0.019	17.353	0.013	17.383	0.008	17.422	0.017
11.286	-0.011	11.313	-0.032	11.342	-0.053	11.371	-0.049	17.455	0.006	17.492	-0.002	17.516	0.010	17.541	0.023
11.390	-0.026	11.412	-0.009	11.438	-0.000	11.462	-0.011	17.588	0.016	17.603	-0.007	17.626	-0.007	17.651	-0.019
11.485	-0.032	11.508	-0.050	11.533	-0.048	11.552	-0.002	17.669	-0.022	17.691	-0.007	17.717	-0.003	17.742	0.008
11.588	0.025	11.618	0.007	11.645	-0.031	11.682	-0.052	17.760	-0.001	17.785	0.010	17.825	0.018	17.855	-0.002
11.718	-0.022	11.750	0.009	11.774	0.003	11.801	-0.008	17.887	-0.019	17.921	-0.021	17.949	0.012	17.981	0.020
11.822	-0.006	11.849	0.007	11.868	0.007	11.891	0.022	18.011	0.007	18.037	-0.012	18.059	-0.016	18.089	-0.006
11.905	0.011	11.923	0.030	11.958	0.034	12.067	-0.015	18.118	0.010	18.148	0.002	18.180	-0.007	18.218	-0.030
12.007	-0.035	12.023	-0.031	12.039	-0.040	12.067	-0.015	18.252	-0.012	18.284	0.004	18.303	0.013	18.338	0.000
12.091	-0.015	12.116	0.023	12.161	0.014	12.187	-0.002	18.373	-0.000	18.394	-0.004	18.421	-0.002	18.443	0.006
12.214	-0.021	12.243	0.014	12.282	0.004	12.314	-0.007	18.475	-0.009	18.499	-0.005	18.533	-0.005	18.555	0.012
12.364	-0.003	12.402	-0.011	12.442	0.008	12.481	-0.015	18.579	-0.005	18.600	0.018	18.620	-0.005	18.648	0.001
12.514	-0.028	12.546	-0.022	12.572	-0.015	12.602	0.014	18.680	-0.012	18.699	0.011	18.737	0.024	18.764	0.019
12.641	-0.001	12.681	-0.017	12.716	-0.036	12.732	-0.041	18.788	-0.004	18.823	-0.017	18.859	-0.017	18.887	-0.002

18.911	0.017	18.943	0.008	18.990	-0.017	19.011	-0.000	24.717	-0.000	24.742	-0.000	24.758	0.008	24.784	-0.006
19.038	-0.015	19.068	0.008	19.101	-0.011	19.128	0.012	24.812	-0.006	24.835	-0.012	24.859	-0.010	24.879	-0.006
19.139	-0.009	19.165	0.003	19.190	-0.011	19.222	0.001	24.902	0.000	24.916	0.005	24.930	0.007	24.951	0.001
19.246	-0.018	19.274	-0.010	19.296	-0.016	19.314	-0.003	24.980	-0.012	24.997	-0.020	25.010	-0.005	25.024	-0.016
19.343	-0.016	19.370	-0.007	19.402	-0.020	19.426	-0.005	25.037	-0.001	25.050	-0.022	25.075	-0.007	25.096	-0.015
19.450	-0.016	19.477	-0.005	19.506	-0.011	19.525	-0.006	25.120	-0.009	25.145	-0.017	25.166	-0.013	25.188	-0.011
19.541	-0.020	19.567	-0.009	19.586	-0.021	19.601	-0.009	25.212	-0.004	25.228	-0.014	25.244	-0.002	25.260	0.000
19.613	-0.019	19.631	0.006	19.647	-0.017	19.677	-0.011	25.277	-0.002	25.296	-0.004	25.322	-0.010	25.335	-0.004
19.690	-0.011	19.703	-0.027	19.742	-0.019	19.775	-0.019	25.355	-0.012	25.371	-0.021	25.387	-0.004	25.407	-0.018
19.810	-0.008	19.850	-0.012	19.887	-0.001	19.927	-0.003	25.430	-0.021	25.453	-0.016	25.478	-0.010	25.499	-0.001
19.967	-0.001	20.007	0.002	20.034	-0.009	20.052	0.019	25.528	-0.004	25.542	-0.004	25.569	-0.014	25.587	-0.004
20.085	0.000	20.117	-0.014	20.144	-0.014	20.167	-0.010	25.612	-0.014	25.630	-0.003	25.657	-0.010	25.679	-0.001
20.195	0.012	20.223	-0.005	20.271	-0.017	20.296	0.002	25.698	-0.013	25.721	-0.003	25.743	-0.003	25.759	0.001
20.323	0.002	20.347	-0.006	20.361	0.015	20.389	0.006	25.777	-0.014	25.808	0.016	25.824	0.001	25.853	0.005
20.408	0.017	20.425	-0.004	20.456	-0.009	20.497	0.002	25.866	-0.009	25.879	-0.020	25.901	0.001	25.920	-0.011
20.531	-0.007	20.558	-0.002	20.578	0.019	20.607	-0.003	25.931	-0.028	25.955	-0.005	25.977	-0.015	26.000	-0.007
20.628	-0.007	20.653	-0.019	20.676	-0.019	20.700	-0.036	26.020	-0.011	26.038	-0.011	26.060	-0.013	26.075	0.006
20.719	-0.009	20.746	-0.032	20.760	-0.015	20.775	-0.030	26.084	-0.021	26.108	-0.002	26.119	-0.008	26.145	-0.008
20.787	-0.011	20.803	-0.007	20.822	-0.011	20.835	0.001	26.165	0.004	26.186	-0.010	26.207	-0.002	26.240	-0.018
20.851	-0.013	20.870	-0.001	20.885	-0.001	20.904	-0.020	26.274	-0.012	26.298	-0.016	26.327	-0.022	26.351	-0.018
20.931	0.008	20.968	0.014	21.003	0.010	21.032	-0.003	26.379	-0.016	26.408	-0.022	26.428	-0.009	26.444	-0.022
21.056	-0.003	21.081	0.006	21.102	0.008	21.126	0.016	26.466	-0.013	26.492	-0.015	26.524	-0.006	26.541	-0.002
21.153	0.014	21.175	-0.012	21.201	0.008	21.211	-0.005	26.562	0.000	26.580	0.004	26.596	0.009	26.615	0.002
21.238	-0.006	21.260	-0.011	21.281	-0.005	21.305	0.001	26.633	0.005	26.657	0.000	26.684	0.003	26.724	-0.004
21.330	-0.005	21.351	-0.013	21.385	-0.013	21.420	-0.017	26.744	0.002	26.772	0.015	26.801	0.000	26.817	-0.004
21.449	-0.006	21.478	-0.012	21.500	-0.006	21.524	-0.019	26.843	-0.010	26.869	-0.006	26.904	-0.009	26.923	-0.002
21.561	0.000	21.582	-0.016	21.606	0.003	21.632	-0.014	26.942	0.008	26.971	0.006	27.003	-0.008	27.037	-0.018
21.670	-0.016	21.700	-0.014	21.728	-0.009	21.761	-0.013	27.061	-0.014	27.095	-0.007	27.122	-0.007	27.149	-0.006
21.788	-0.022	21.819	-0.015	21.853	-0.016	21.891	-0.018	27.177	-0.006	27.197	-0.012	27.218	-0.009	27.246	-0.005
21.921	-0.013	21.949	-0.018	21.973	-0.016	21.998	-0.024	27.268	-0.002	27.292	0.001	27.311	-0.004	27.330	0.001
22.029	-0.026	22.054	-0.009	22.091	-0.003	22.118	0.003	27.356	-0.008	27.384	0.001	27.413	-0.004	27.438	0.004
22.146	-0.001	22.173	-0.005	22.195	-0.005	22.222	-0.001	27.472	0.004	27.505	0.004	27.521	0.008	27.537	-0.004
22.243	0.003	22.266	0.009	22.288	0.009	22.322	0.009	27.554	0.000	27.574	0.002	27.594	0.005	27.618	0.003
22.357	0.001	22.390	-0.004	22.426	-0.001	22.456	0.003	27.667	0.012	27.725	0.014	27.748	0.016	27.763	0.014
22.492	-0.002	22.512	-0.006	22.531	0.005	22.553	-0.014	27.780	0.012	27.793	0.019	27.806	0.013	27.815	0.015
22.576	0.009	22.608	-0.006	22.635	-0.014	22.656	-0.018	27.826	0.013	27.837	0.011	27.856	0.011	27.871	0.011
22.689	-0.014	22.720	-0.010	22.749	-0.012	22.785	-0.018	27.883	0.011	27.894	0.011	27.907	0.007	27.921	0.015
22.816	-0.016	22.848	-0.024	22.870	-0.008	22.887	0.011	27.939	0.017	27.956	0.019	27.975	0.021	27.991	0.015
22.911	-0.005	22.931	0.001	22.951	-0.024	22.986	-0.022	28.006	0.017	28.018	0.012	28.028	0.010	28.037	0.018
23.014	-0.017	23.041	-0.009	23.069	-0.013	23.108	-0.013	28.047	0.010	28.061	0.014	28.075	0.009	28.091	0.011
23.130	-0.015	23.148	-0.004	23.156	-0.019	23.181	-0.008	28.109	0.009	28.121	0.002	28.131	-0.002	28.144	-0.009
23.205	-0.008	23.221	-0.020	23.248	-0.012	23.272	-0.028	28.161	-0.009	28.174	-0.005	28.187	-0.003	28.199	0.005
23.296	-0.009	23.323	-0.007	23.341	-0.007	23.354	0.002	28.214	0.004	28.228	0.004	28.242	-0.001	28.258	-0.003
23.378	0.006	23.407	-0.006	23.435	-0.006	23.461	0.011	28.272	-0.005	28.291	-0.011	28.314	-0.007	28.331	-0.006
23.487	-0.008	23.503	0.007	23.533	0.001	23.541	0.001	28.347	-0.006	28.361	0.000	28.385	0.007	28.409	0.001
23.570	-0.005	23.592	-0.005	23.615	-0.005	23.655	0.006	28.441	-0.004	28.464	0.001	28.483	0.002	28.499	0.008
23.680	0.000	23.712	-0.004	23.738	-0.018	23.775	-0.014	28.519	0.007	28.562	0.010	28.562	0.002	28.577	0.003
23.804	-0.006	23.831	-0.006	23.853	-0.006	23.887	-0.010	28.594	0.001	28.609	-0.001	28.629	0.010	28.649	0.004
23.918	-0.020	23.943	-0.008	23.976	-0.021	23.998	-0.012	28.677	0.009	28.704	0.011	28.730	0.016	28.760	0.010
24.021	-0.004	24.041	-0.019	24.067	-0.010	24.107	-0.002	28.784	0.012	28.824	0.013	28.824	0.015	28.840	0.009
24.131	0.002	24.156	0.004	24.188	0.008	24.210	-0.008	28.858	0.009	28.885	0.007	28.901	0.015	28.916	0.018
24.233	-0.004	24.273	-0.006	24.302	-0.002	24.318	-0.011	28.930	0.016	28.954	0.012	28.969	0.014	28.998	0.002
24.330	-0.015	24.354	-0.017	24.378	-0.025	24.399	-0.021	29.007	0.023	29.020	0.002	29.036	0.017	29.054	0.017
24.423	-0.012	24.453	-0.016	24.484	-0.008	24.503	-0.008	29.069	0.030	29.078	0.038	29.091	0.028	29.102	0.015
24.525	-0.008	24.551	-0.007	24.571	0.009	24.603	-0.005	29.115	0.024	29.126	0.030	29.139	0.018	29.149	-0.001
24.621	-0.005	24.648	-0.007	24.675	-0.001	24.691	-0.013	29.178	0.007	29.194	0.014	29.220	0.016	29.242	0.023

29.258	0.010	29.281	0.012	29.298	0.021	29.310	0.017	33.217	0.011	33.233	0.003	33.246	-0.003	33.259	0.012
29.332	0.004	29.352	0.013	29.366	0.021	29.385	0.017	33.275	-0.000	33.296	-0.019	33.307	0.010	33.316	0.021
29.401	0.013	29.411	0.034	29.426	0.017	29.443	0.017	33.332	0.006	33.347	0.029	33.360	0.007	33.383	0.015
29.472	0.009	29.496	0.023	29.533	0.025	29.564	0.030	33.407	0.007	33.431	-0.001	33.458	0.012	33.470	0.031
29.580	0.017	29.598	0.017	29.619	0.011	29.635	0.000	33.479	0.002	33.505	0.029	33.518	0.010	33.540	0.031
29.654	0.015	29.681	0.012	29.706	0.023	29.731	0.033	33.569	0.011	33.594	-0.004	33.621	-0.001	33.658	0.014
29.747	0.017	29.763	0.016	29.778	0.008	29.791	0.014	33.677	0.023	33.696	-0.000	33.717	0.019	33.746	0.001
29.802	0.010	29.823	0.002	29.840	0.008	29.855	0.018	33.755	0.024	33.767	-0.003	33.775	0.025	33.778	0.004
29.866	0.010	29.886	0.020	29.906	0.022	29.917	0.020	33.810	0.025	33.811	0.002	33.832	0.021	33.853	0.003
29.929	0.012	29.955	0.001	29.982	0.007	30.003	0.016	33.873	0.018	33.881	0.007	33.923	0.029	33.929	0.016
30.031	0.032	30.058	0.032	30.078	0.024	30.095	0.023	33.955	0.027	33.992	0.013	34.014	0.025	34.024	0.013
30.122	0.023	30.135	0.023	30.152	0.025	30.175	0.022	34.044	0.022	34.065	0.015	34.071	0.030	34.099	0.007
30.184	0.018	30.206	0.020	30.229	0.009	30.262	0.000	34.118	0.016	34.140	0.010	34.143	0.027	34.170	0.010
30.277	0.017	30.294	0.002	30.310	0.014	30.339	-0.003	34.198	0.021	34.221	0.023	34.247	-0.004	34.308	-0.004
30.361	0.012	30.374	0.001	30.401	0.018	30.420	0.005	34.338	0.013	34.374	0.017	34.411	0.008	34.428	-0.006
30.430	0.015	30.448	0.003	30.473	0.015	30.492	0.002	34.457	-0.002	34.482	0.019	34.495	0.015	34.506	0.002
30.516	0.016	30.532	0.010	30.548	0.022	30.567	0.012	34.522	0.019	34.533	0.017	34.557	0.010	34.572	-0.006
30.582	0.008	30.603	0.016	30.623	0.002	30.651	0.015	34.586	0.010	34.610	-0.009	34.622	0.004	34.634	0.019
30.663	0.002	30.678	0.019	30.692	0.015	30.705	0.023	34.653	0.006	34.664	-0.009	34.673	0.014	34.686	0.031
30.718	0.011	30.739	0.021	30.756	0.001	30.780	0.011	34.699	0.017	34.723	-0.002	34.756	0.002	34.792	0.019
30.798	0.016	30.817	-0.003	30.830	0.007	30.852	0.003	34.824	0.019	34.854	0.017	34.878	0.009	34.910	0.028
30.867	-0.003	30.888	-0.002	30.915	-0.002	30.939	0.005	34.919	0.007	34.943	0.030	34.965	0.007	34.980	0.030
30.960	-0.006	30.973	0.001	30.988	-0.001	31.004	-0.007	35.003	0.011	35.018	0.011	35.059	0.001	35.086	0.020
31.021	-0.002	31.031	0.002	31.059	-0.009	31.079	0.000	35.116	0.012	35.141	-0.001	35.167	0.016	35.194	-0.005
31.091	0.021	31.113	0.003	31.134	0.005	31.155	0.028	35.221	0.008	35.249	0.022	35.283	0.008	35.306	-0.002
31.166	0.016	31.170	0.022	31.178	0.027	31.189	0.020	35.322	0.011	35.342	-0.006	35.367	0.011	35.409	0.024
31.239	0.019	31.200	0.010	31.216	0.010	31.228	0.012	35.441	0.012	35.472	0.002	35.493	0.004	35.520	0.021
31.287	0.017	31.298	0.019	31.311	0.011	31.332	0.015	35.552	-0.004	35.670	0.023	35.690	-0.002	35.705	0.026
31.345	0.019	31.358	0.032	31.365	0.015	31.391	0.005	35.736	0.009	35.760	0.018	35.785	0.002	35.811	0.021
31.397	0.018	31.410	0.011	31.423	0.003	31.437	0.007	35.830	0.006	35.857	0.025	35.878	0.008	35.902	0.021
31.450	0.003	31.466	0.003	31.493	0.006	31.522	0.004	35.916	0.006	35.934	0.023	35.965	0.002	35.964	0.023
31.539	0.004	31.557	0.004	31.576	-0.002	31.615	0.011	35.985	0.007	36.004	0.001	36.017	0.009	36.044	0.007
31.618	0.003	31.645	0.013	31.661	0.013	31.690	0.018	36.056	0.024	36.080	0.020	36.107	0.010	36.112	0.020
31.705	0.024	31.731	0.014	31.752	0.023	31.769	0.029	36.136	0.031	36.147	0.019	36.174	0.010	36.192	0.004
31.782	0.019	31.801	0.029	31.817	0.028	31.832	0.021	36.249	0.015	36.272	0.028	36.289	0.009	36.315	0.010
31.852	0.022	31.870	0.024	31.883	0.030	31.894	0.016	36.329	0.014	36.358	0.021	36.377	0.006	36.401	0.017
31.913	0.018	31.928	0.014	31.952	0.017	31.966	0.007	36.420	0.009	36.441	0.020	36.469	0.004	36.490	0.021
31.984	0.019	32.004	0.028	32.022	0.020	32.038	-0.003	36.522	0.009	36.539	0.022	36.558	0.010	36.584	0.025
32.057	0.012	32.076	0.021	32.089	0.006	32.107	0.021	36.603	0.008	36.630	0.023	36.648	0.011	36.679	0.021
32.119	0.013	32.140	0.024	32.155	0.007	32.179	0.020	36.692	0.011	36.710	0.028	36.718	0.009	36.748	0.028
32.196	0.010	32.217	0.017	32.233	0.010	32.246	0.006	36.767	0.010	36.789	0.027	36.813	0.012	36.852	0.023
32.265	0.017	32.284	0.001	32.303	0.018	32.324	0.010	36.860	0.004	36.884	0.023	36.915	0.002	36.942	0.002
32.348	0.008	32.368	0.010	32.390	-0.002	32.395	0.006	36.982	0.022	37.014	0.009	37.049	0.016	37.082	0.010
32.411	-0.008	32.427	0.017	32.452	0.005	32.466	0.024	37.115	0.029	37.141	0.002	37.152	0.021	37.184	0.002
32.484	0.022	32.498	0.018	32.513	0.010	32.529	0.002	37.199	0.023	37.218	0.003	37.236	0.024	37.281	0.012
32.537	0.012	32.550	0.002	32.566	-0.006	32.576	0.009	37.307	0.016	37.329	0.008	37.345	0.017	37.380	0.009
32.593	0.017	32.613	0.001	32.634	-0.006	32.647	0.009	37.409	0.013	37.437	0.013	37.456	0.026	37.490	0.026
32.664	0.005	32.682	0.016	32.692	-0.001	32.717	0.004	37.496	0.014	37.544	0.020	37.585	0.029	37.589	0.010
32.742	0.021	32.758	0.034	32.774	0.002	32.796	0.034	37.610	0.010	37.633	0.033	37.651	0.012	37.657	0.002
32.809	0.024	32.819	0.007	32.845	0.010	32.857	0.025	37.663	0.002	37.676	0.017	37.699	-0.006	37.731	0.002
32.877	-0.000	32.885	0.010	32.902	0.023	32.917	0.017	37.757	0.013	37.770	-0.004	37.789	0.017	37.805	-0.004
32.935	0.009	32.952	0.016	32.973	0.005	32.995	0.010	37.850	0.002	37.866	0.023	37.895	0.007	37.914	0.007
33.008	0.008	33.024	0.002	33.036	0.011	33.042	0.027	37.927	0.025	37.970	0.021	37.970	-0.004	37.993	0.030
33.056	0.000	33.082	0.018	33.093	0.030	33.103	0.016	38.020	-0.001	38.036	0.020	38.067	-0.001	38.099	0.023
33.117	-0.005	33.148	0.006	33.172	0.007	33.193	0.019	38.125	-0.000	38.147	0.025	38.168	0.000	38.190	0.022

38.221	-0.003	38.266	0.003	38.290	0.014	38.316	-0.000
38.340	0.025	38.361	0.011	38.372	0.007	38.380	0.026
38.394	0.007	38.415	0.016	38.431	0.001	38.464	0.020
38.478	0.006	38.497	0.023	38.512	0.044	38.518	0.021
38.541	-0.004	38.562	0.026	38.586	0.005	38.595	0.032
38.632	0.006	38.661	0.029	38.690	-0.000	38.730	0.009
38.762	0.005	38.778	0.041	38.791	0.007	38.814	0.028
38.845	0.008	38.861	0.016	38.873	0.021	38.887	0.008
38.903	-0.000	38.912	0.021	38.939	0.017	38.957	0.007
38.981	0.013	38.997	0.001	39.022	-0.003	39.030	0.026
39.043	0.012	39.059	0.016	39.092	0.021	39.110	0.013
39.120	0.023	39.136	0.009	39.177	0.015	39.207	0.001
39.214	0.020	39.252	0.035	39.257	0.008	39.276	0.025
39.292	0.023	39.306	-0.002	39.320	0.019	39.339	0.034
39.346	0.007	39.366	0.019	39.390	0.026	39.406	0.007
39.436	0.020	39.447	-0.003	39.469	0.016	39.493	0.029
39.509	0.014	39.527	0.027	39.552	0.010	39.568	-0.004
39.589	0.019	39.619	-0.002	39.638	0.027	39.652	0.013
39.693	0.019	39.720	-0.002	39.758	-0.004	39.768	0.009
39.779	0.032	39.798	0.028	39.842	0.020	39.863	0.003
39.881	0.016	39.904	0.012	39.912	0.003	39.930	0.022
39.944	0.031	39.963	0.010	39.977	0.024	39.993	0.008
40.004	-0.003	40.025	-0.003	40.028	-0.003	40.045	0.023
40.082	0.021	40.091	0.038	40.111	-0.000	40.133	0.023
40.158	0.002	40.202	0.001	40.228	0.028	40.274	0.026
40.311	-0.003	40.343	0.016	40.364	-0.000	40.405	0.008
40.433	0.015	40.458	0.007	40.474	-0.001	40.497	0.013
40.526	0.001	40.543	0.020	40.580	0.006	40.627	0.017
40.640	-0.002	40.680	0.019	40.738	0.026	40.767	0.009
40.788	0.001	40.818	0.033	40.838	0.010	40.866	0.010
40.887	-0.000	40.929	0.002	40.983	0.023	41.027	0.024
41.034	0.013	41.068	0.020	41.083	-0.003	41.122	0.016
41.151	0.006	41.186	0.025	41.205	0.000	41.231	0.023
41.256	0.000	41.280	0.026	41.296	-0.001	41.327	0.022
41.346	0.003	41.365	0.027	41.369	0.008	41.402	0.019
41.418	0.000	41.444	0.024	41.463	0.003	41.494	0.018
41.508	0.001	41.538	0.027	41.550	-0.000	41.580	0.032
41.611	-0.003	41.657	0.026	41.713	0.025	41.724	0.010
41.758	0.008	41.785	0.007	41.821	0.015	41.823	0.015
41.862	0.016	41.894	0.027	41.929	0.010	41.930	0.006
41.946	0.018	41.972	0.006	41.974	0.006	41.997	0.001
42.044	0.016	42.072	0.010	42.118	0.001	42.170	0.001
42.219	0.031	42.243	-0.001	42.280	0.031	42.310	0.024
42.318	0.001	42.332	0.027	42.355	-0.009	42.380	0.012
42.416	0.010	42.433	-0.003				

68.055. 4/8/68 1830PST MILLIKAN, BSMNT., CALTECH, PASADENA, CAL. NORTH

1735 POINTS 54.071 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADRECTION, IS 0.0259 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.017	0.019	-0.017	0.055	-0.005	0.095	-0.005	4.835	-0.019	4.878	-0.027	4.909	-0.027	4.951	-0.007
0.006	0.170	0.014	0.218	0.019	0.241	0.019	0.241	4.981	-0.007	5.023	-0.007	5.025	-0.007	5.058	-0.036
0.137	0.307	0.017	0.334	0.009	0.366	0.010	0.366	5.077	-0.010	5.096	-0.015	5.136	-0.011	5.174	0.905
0.274	0.418	0.033	0.444	0.026	0.474	0.035	0.474	5.217	-0.015	5.249	-0.011	5.299	-0.028	5.349	-0.011
0.392	0.524	0.020	0.554	0.002	0.598	0.005	0.598	5.380	-0.012	5.430	-0.016	5.457	-0.004	5.488	-0.012
0.498	0.618	0.0	0.635	-0.005	0.647	0.002	0.647	5.554	0.0	5.575	0.0	5.626	0.008	5.665	0.008
0.604	0.689	0.0	0.715	0.019	0.738	0.018	0.715	5.711	-0.008	5.750	0.0	5.791	-0.005	5.842	-0.022
0.666	0.784	0.017	0.807	0.017	0.839	0.021	0.839	5.880	-0.022	5.913	-0.035	5.973	-0.039	6.020	-0.019
0.763	0.906	0.004	0.940	0.008	0.965	0.016	0.965	6.078	0.005	6.123	-0.017	6.161	0.012	6.250	-0.005
0.878	1.023	0.011	1.053	-0.005	1.096	-0.010	1.096	6.303	-0.018	6.357	-0.014	6.397	-0.019	6.438	-0.023
0.996	1.173	-0.010	1.217	0.006	1.253	0.007	1.253	6.468	-0.036	6.506	-0.024	6.537	-0.016	6.577	-0.028
1.134	1.318	-0.003	1.349	-0.003	1.381	0.001	1.381	6.592	-0.024	6.602	-0.024	6.627	-0.028	6.645	-0.033
1.280	1.456	-0.007	1.480	-0.007	1.482	-0.011	1.482	6.660	-0.024	6.671	-0.029	6.693	-0.033	6.724	-0.033
0.010	1.537	-0.028	1.537	-0.028	1.579	-0.016	1.579	6.757	-0.021	6.780	-0.013	6.807	-0.017	6.825	-0.013
0.015	1.637	-0.018	1.683	-0.007	1.720	-0.003	1.720	6.838	-0.005	6.862	-0.009	6.871	-0.005	6.890	-0.021
0.007	1.648	-0.016	1.836	0.013	1.855	0.013	1.855	6.921	-0.026	6.944	-0.034	6.961	-0.022	6.970	-0.022
0.004	1.800	0.005	1.914	0.024	1.930	0.019	1.930	6.995	-0.022	7.020	-0.017	7.033	-0.017	7.054	-0.025
0.013	1.904	0.016	2.014	0.0	2.043	0.0	2.043	7.072	-0.021	7.087	-0.021	7.115	-0.012	7.137	-0.004
0.018	2.097	-0.018	2.126	-0.015	2.147	-0.012	2.147	7.164	0.001	7.178	0.001	7.200	0.013	7.219	-0.003
0.037	2.219	-0.043	2.258	-0.032	2.290	-0.009	2.290	7.239	-0.011	7.262	-0.007	7.291	-0.023	7.308	-0.010
0.001	2.336	-0.006	2.368	-0.001	2.398	-0.008	2.398	7.343	-0.010	7.389	-0.005	7.402	-0.021	7.434	-0.013
0.007	2.457	-0.006	2.499	-0.011	2.525	-0.007	2.525	7.460	-0.004	7.489	-0.021	7.515	-0.012	7.521	-0.012
0.015	2.605	-0.015	2.642	-0.027	2.672	-0.014	2.672	7.547	-0.024	7.585	-0.009	7.589	-0.016	7.622	-0.003
0.023	2.734	-0.022	2.778	-0.014	2.819	-0.030	2.819	7.645	-0.009	7.682	-0.010	7.713	0.014	7.738	0.018
0.022	2.873	-0.026	2.909	-0.009	2.94										

9.404	0.002	9.440	-0.013	9.463	-0.013	9.486	-0.008	16.520	0.006	16.561	0.007	16.579	0.007	16.603	0.004
9.520	0.001	9.545	0.014	9.559	0.014	9.595	0.009	16.634	-0.003	16.635	-0.003	16.647	-0.003	16.663	0.002
9.541	0.003	9.568	0.007	9.705	0.005	9.737	0.010	16.674	0.006	16.687	0.011	16.713	-0.001	16.734	-0.004
9.770	-0.003	9.808	-0.015	9.821	-0.011	9.832	0.001	16.759	0.0	16.785	0.005	16.812	0.010	16.845	0.006
9.851	-0.020	9.874	-0.012	9.893	-0.008	9.919	0.004	16.859	-0.002	16.880	-0.009	16.908	0.008	16.929	0.008
9.963	-0.001	9.997	0.003	10.029	-0.006	10.062	0.006	16.957	0.009	16.976	0.013	16.996	0.014	17.022	0.027
10.105	-0.015	10.131	-0.003	10.157	-0.023	10.207	-0.007	17.057	0.007	17.072	0.020	17.093	0.024	17.111	0.012
10.251	-0.004	10.301	-0.017	10.358	-0.009	10.385	-0.033	17.129	0.037	17.150	0.028	17.176	0.019	17.194	0.027
10.434	-0.025	10.473	-0.029	10.522	-0.029	10.561	-0.029	17.216	0.031	17.242	0.026	17.252	0.030	17.272	0.013
10.591	-0.021	10.620	-0.033	10.639	-0.025	10.662	-0.033	17.293	0.017	17.307	0.012	17.325	0.020	17.346	0.020
10.703	-0.033	10.747	-0.013	10.786	-0.004	10.820	-0.009	17.379	0.007	17.413	0.031	17.445	0.026	17.468	0.030
10.855	-0.030	10.885	-0.026	10.927	0.002	10.968	0.023	17.484	0.025	17.499	0.005	17.525	0.004	17.548	0.013
11.001	0.018	11.046	0.001	11.087	-0.007	11.134	-0.020	17.550	-0.017	17.566	-0.022	17.618	-0.022	17.635	-0.031
11.177	-0.020	11.217	-0.029	11.233	-0.037	11.283	-0.021	17.655	-0.035	17.671	-0.040	17.692	-0.036	17.722	-0.049
11.303	-0.030	11.338	-0.022	11.367	-0.005	11.406	-0.021	17.728	-0.037	17.752	-0.049	17.767	-0.034	17.783	-0.046
11.435	-0.005	11.462	0.004	11.482	0.012	11.511	0.008	17.800	-0.034	17.817	-0.030	17.834	-0.038	17.852	-0.030
11.541	0.008	11.574	0.0	11.594	0.0	11.609	0.004	17.878	-0.047	17.915	-0.043	17.935	-0.047	17.954	-0.043
11.642	-0.008	11.673	-0.008	11.693	-0.020	11.721	-0.023	17.980	-0.059	18.010	-0.047	18.032	-0.051	18.054	-0.047
11.743	-0.014	11.749	-0.014	11.763	-0.010	11.786	-0.013	18.076	-0.019	18.099	0.006	18.125	0.022	18.145	0.010
11.812	-0.009	11.835	-0.017	11.867	-0.016	11.896	-0.024	18.163	0.010	18.177	0.019	18.195	0.007	18.212	0.001
11.932	-0.006	11.962	-0.010	11.993	-0.022	12.042	-0.008	18.236	-0.013	18.265	-0.029	18.277	-0.045	18.301	-0.057
12.079	0.011	12.129	0.068	12.182	0.038	12.222	0.053	18.319	-0.061	18.347	-0.056	18.375	-0.044	18.401	-0.051
12.271	-0.032	12.350	0.025	12.389	0.012	12.432	0.002	18.431	-0.043	18.459	-0.059	18.480	-0.071	18.516	-0.079
12.471	-0.024	12.529	-0.002	12.571	-0.028	12.623	-0.042	18.542	-0.074	18.570	-0.066	18.591	-0.058	18.621	-0.053
12.663	0.006	12.690	-0.016	12.710	-0.028	12.748	-0.028	18.659	-0.020	18.696	0.021	18.728	0.033	18.751	0.046
12.771	-0.027	12.769	-0.029	12.792	-0.008	12.816	-0.017	18.778	0.054	18.801	0.071	18.829	0.075	18.859	0.075
12.869	-0.009	12.874	-0.001	12.911	-0.017	12.944	-0.017	18.889	0.067	18.917	0.071	18.940	0.067	18.963	0.059
12.977	-0.005	13.006	-0.018	13.021	-0.018	13.031	-0.026	18.978	0.062	18.998	0.037	19.023	0.028	19.035	0.003
13.064	-0.018	13.085	-0.014	13.105	-0.019	13.131	-0.027	19.061	0.007	19.089	-0.019	19.109	-0.023	19.127	-0.011
13.163	-0.027	13.209	-0.014	13.262	-0.001	13.299	-0.013	19.145	-0.015	19.172	0.009	19.195	0.021	19.222	0.021
13.322	-0.017	13.354	-0.021	13.393	0.0	13.428	-0.013	19.248	0.029	19.263	0.020	19.278	0.020	19.317	0.032
13.462	-0.004	13.480	-0.012	13.507	-0.012	13.531	-0.008	19.337	0.011	19.388	0.035	19.430	0.059	19.459	0.054
13.568	-0.003	13.596	-0.003	13.635	0.002	13.662	0.002	19.478	0.054	19.504	0.058	19.535	0.062	19.590	0.061
13.694	0.019	13.726	0.012	13.759	0.012	13.798	0.017	19.605	0.065	19.623	0.049	19.651	0.020	19.679	0.011
13.834	0.021	13.866	0.030	13.898	-0.002	13.936	0.007	19.717	-0.017	19.735	-0.022	19.756	-0.026	19.778	-0.026
13.971	-0.001	14.002	-0.009	14.036	-0.013	14.073	0.009	19.798	-0.026	19.831	-0.030	19.855	-0.043	19.886	-0.051
14.120	-0.027	14.155	-0.006	14.184	-0.005	14.206	-0.009	19.903	-0.072	19.914	-0.068	19.941	-0.076	19.954	-0.068
14.232	-0.012	14.265	0.009	14.299	0.001	14.352	-0.002	19.982	-0.064	20.000	-0.043	20.021	-0.015	20.036	-0.011
14.387	0.006	14.412	-0.006	14.449	0.007	14.501	0.011	20.055	-0.007	20.078	0.002	20.100	-0.011	20.124	-0.011
14.542	-0.001	14.586	0.012	14.643	0.032	14.671	0.023	20.144	-0.003	20.157	-0.003	20.177	-0.003	20.206	0.001
14.698	0.030	14.729	0.009	14.770	0.004	14.771	0.004	20.218	0.005	20.242	0.022	20.270	0.001	20.285	0.005
14.794	0.012	14.833	-0.001	14.862	0.006	14.893	-0.007	20.303	-0.032	20.334	-0.024	20.351	-0.019	20.365	-0.024
14.935	-0.004	14.958	0.004	15.008	-0.001	15.047	0.007	20.368	-0.020	20.405	-0.032	20.423	-0.020	20.447	-0.040
15.089	0.014	15.137	-0.007	15.171	-0.016	15.215	-0.004	20.467	-0.044	20.488	-0.069	20.526	-0.094	20.547	-0.110
15.233	0.004	15.254	0.008	15.286	0.003	15.326	0.019	20.585	-0.090	20.594	-0.093	20.612	-0.102	20.632	-0.086
15.349	0.019	15.362	-0.002	15.395	-0.006	15.432	-0.023	20.653	-0.086	20.665	-0.086	20.676	-0.098	20.688	-0.073
15.466	-0.027	15.513	-0.023	15.544	-0.023	15.580	-0.023	20.699	-0.044	20.722	-0.032	20.748	-0.012	20.770	-0.020
15.604	-0.006	15.638	-0.006	15.676	-0.023	15.718	-0.031	20.792	-0.016	20.835	-0.024	20.862	-0.028	20.882	-0.020
15.754	-0.006	15.811	-0.002	15.858	-0.006	15.885	0.006	20.899	-0.016	20.925	-0.007	20.936	-0.003	20.953	0.013
15.905	0.010	15.934	0.010	15.963	0.006	15.992	0.002	20.990	-0.003	21.023	-0.012	21.036	-0.024	21.060	-0.012
16.017	-0.006	16.027	-0.006	16.040	-0.006	16.053	-0.006	21.070	-0.016	21.090	-0.012	21.113	-0.016	21.134	-0.028
16.076	0.002	16.096	-0.018	16.111	-0.018	16.127	-0.006	21.147	-0.012	21.166	0.005	21.193	0.001	21.222	0.038
16.144	-0.006	16.168	-0.014	16.154	-0.018	16.217	-0.014	21.245	0.046	21.264	0.055	21.292	0.055	21.323	0.043
16.235	-0.010	16.264	-0.014	16.280	-0.022	16.306	-0.006	21.362	0.023	21.382	-0.006	21.407	-0.026	21.426	-0.026
16.332	-0.018	16.369	-0.001	16.462	-0.009	16.424	-0.013	21.441	-0.021	21.467	-0.004	21.492	0.021	21.511	0.050
16.455	-0.009	16.468	-0.008	16.476	-0.020	16.507	-0.015	21.533	0.042	21.559	0.030	21.577	-0.007	21.598	0.010

21.618	-0.003	21.537	-0.044	21.564	-0.023	21.690	-0.015	26.521	-0.021	28.549	-0.021	28.571	-0.029	28.594	-0.045
21.714	-0.007	21.764	0.018	21.768	0.030	21.790	0.022	28.610	-0.053	28.635	-0.044	28.666	-0.031	28.693	-0.019
21.814	0.018	21.839	0.010	21.866	-0.015	21.896	-0.048	28.721	-0.014	28.742	-0.026	28.768	-0.026	28.785	-0.046
21.920	-0.056	21.933	-0.056	21.956	-0.043	21.971	-0.043	28.805	-0.050	28.831	-0.054	28.853	-0.050	28.873	-0.046
21.984	-0.060	22.002	-0.039	22.010	-0.015	22.028	-0.031	28.901	-0.029	28.932	-0.025	28.961	-0.021	28.986	-0.017
22.038	-0.043	22.054	-0.060	22.072	-0.044	22.087	-0.040	29.010	-0.013	29.035	-0.021	29.060	-0.013	29.083	-0.009
22.111	-0.028	22.128	-0.020	22.141	-0.016	22.162	-0.012	29.010	-0.013	29.035	-0.021	29.060	-0.013	29.083	-0.009
22.180	-0.005	22.201	0.017	22.216	0.004	22.235	0.0	29.103	-0.009	29.125	-0.009	29.143	-0.001	29.160	0.016
22.263	C.012	22.287	0.016	22.307	0.028	22.324	0.016	29.186	0.024	29.208	0.028	29.230	0.024	29.253	0.020
22.343	C.036	22.371	0.032	22.389	0.011	22.417	-0.002	29.269	0.012	29.286	0.003	29.306	0.011	29.326	0.020
22.449	-0.014	22.477	-0.035	22.508	-0.031	22.549	-0.030	29.344	0.020	29.369	0.028	29.389	0.015	29.405	0.007
22.580	-0.022	22.603	-0.021	22.635	-0.046	22.673	-0.045	29.427	0.015	29.450	0.024	29.476	0.019	29.501	0.019
22.705	-0.036	22.743	-0.024	22.766	-0.019	22.782	-0.023	29.527	0.019	29.554	0.011	29.579	0.003	29.602	-0.002
22.802	-0.031	22.820	-0.014	22.841	-0.014	22.866	-0.030	29.623	-0.010	29.650	-0.010	29.670	-0.002	29.696	-0.002
22.890	-0.050	22.925	0.037	22.945	0.037	22.966	0.058	29.714	0.006	29.736	0.010	29.755	0.010	29.774	0.010
22.991	0.050	23.037	0.063	23.064	0.064	23.090	0.044	29.795	0.014	29.818	0.022	29.846	0.030	29.879	0.030
23.128	0.032	23.161	-0.008	23.194	-0.061	23.234	-0.068	29.900	0.026	29.923	0.026	29.946	0.022	29.969	0.022
23.267	C.063	23.283	-0.050	23.315	-0.037	23.335	-0.004	29.953	0.026	29.976	0.022	30.006	0.013	30.075	0.009
23.354	C.030	23.393	0.026	23.426	0.027	23.459	0.024	30.090	0.013	30.106	0.009	30.121	0.001	30.141	-0.012
23.482	C.020	23.506	-0.004	23.527	-0.007	23.549	0.010	30.160	-0.012	30.180	-0.015	30.196	-0.016	30.221	-0.012
23.569	0.022	23.594	0.043	23.629	0.048	23.645	0.056	30.245	-0.008	30.270	-0.008	30.291	-0.008	30.316	-0.017
23.668	C.073	23.697	0.061	23.732	0.036	23.768	0.015	30.339	-0.021	30.361	-0.021	30.389	-0.021	30.415	-0.013
23.755	0.028	23.854	0.024	23.885	0.028	23.920	0.008	30.442	-0.009	30.464	0.004	30.491	0.016	30.512	0.020
23.944	C.028	23.954	0.028	23.971	0.024	23.997	-0.009	30.535	0.028	30.559	0.024	30.577	0.028	30.603	0.028
24.028	-0.017	24.067	-0.017	24.107	-0.004	24.143	-0.025	30.623	0.032	30.652	0.019	30.681	0.032	30.709	0.027
24.174	C.074	24.202	0.091	24.245	0.085	24.292	0.047	30.731	0.019	30.754	0.015	30.783	0.011	30.806	0.007
24.330	0.004	24.372	-0.022	24.404	-0.044	24.437	-0.053	30.827	-0.006	30.850	-0.002	30.874	0.007	30.897	0.011
24.461	-C.066	24.506	-0.059	24.545	-0.085	24.587	-0.070	30.923	0.031	30.945	0.035	30.960	0.043	30.981	0.048
24.637	-0.051	24.680	-0.032	24.743	-0.026	24.771	-0.018	30.996	0.043	31.018	0.031	31.039	0.023	31.057	0.006
24.797	-C.019	24.837	-0.020	24.873	-0.003	24.899	0.011	31.077	-0.002	31.098	-0.010	31.120	-0.014	31.142	-0.006
24.933	0.010	24.970	0.004	25.033	0.004	25.077	-0.008	31.159	-0.006	31.180	-0.002	31.205	0.010	31.226	0.010
25.121	-C.007	25.168	-0.015	25.208	-0.027	25.231	-0.011	31.247	-0.002	31.266	-0.019	31.289	-0.027	31.307	-0.035
25.274	-C.019	25.291	-0.043	25.333	-0.051	25.367	-0.055	31.335	-0.035	31.354	-0.035	31.382	-0.039	31.406	-0.039
25.398	-C.022	25.426	-0.007	25.458	0.015	25.497	0.032	31.434	-0.031	31.466	-0.019	31.491	-0.002	31.517	0.002
25.525	0.016	25.580	-0.013	25.597	0.0	25.598	0.0	31.541	0.002	31.577	-0.006	31.608	-0.019	31.631	-0.011
25.613	-C.004	25.639	0.009	25.670	0.005	25.706	0.026	31.667	-0.006	31.693	-0.011	31.721	-0.011	31.764	0.001
25.730	0.022	25.751	0.014	25.789	0.027	25.813	0.027	31.799	0.001	31.843	0.001	31.877	0.017	31.913	0.009
25.839	C.019	25.873	-0.001	25.908	-0.004	25.965	-0.004	31.943	-0.012	31.974	-0.024	32.008	-0.041	32.034	-0.049
26.008	0.013	26.050	0.013	26.083	0.005	26.124	-0.015	32.062	-0.058	32.093	-0.058	32.118	-0.066	32.144	-0.066
26.171	-C.031	26.227	-0.027	26.254	-0.039	26.281	-0.047	32.165	-0.075	32.198	-0.067	32.227	-0.059	32.262	-0.055
26.317	-0.034	26.359	-0.042	26.409	-0.034	26.448	-0.025	32.299	-0.039	32.329	-0.026	32.366	-0.014	32.399	-0.002
26.485	-C.017	26.509	-0.029	26.539	-0.025	26.582	-0.033	32.453	0.031	32.484	0.043	32.510	0.043	32.510	0.043
26.648	-0.029	26.669	-0.037	26.703	-0.017	26.730	-0.037	32.544	0.047	32.577	0.048	32.632	0.044	32.676	0.040
26.763	-0.025	26.786	-0.013	26.814	-0.037	26.858	-0.037	32.717	0.048	32.758	0.048	32.800	0.049	32.843	0.049
26.886	-0.037	26.926	-0.009	26.951	0.0	26.984	0.016	32.892	0.053	32.943	0.041	32.995	0.054	33.033	0.042
27.005	C.020	27.045	0.036	27.087	0.028	27.130	0.023	33.064	0.022	33.099	0.009	33.123	-0.007	33.149	-0.023
27.158	C.031	27.198	0.044	27.234	0.019	27.270	-0.035	33.174	-0.031	33.199	-0.047	33.225	-0.051	33.249	-0.047
27.307	0.039	27.340	0.002	27.387	-0.013	27.432	-0.049	33.282	-0.051	33.304	-0.047	33.332	-0.042	33.356	-0.026
27.458	-C.048	27.486	-0.039	27.513	-0.010	27.532	-0.012	33.388	-0.022	33.411	-0.013	33.437	-0.017	33.464	-0.021
27.564	C.041	27.592	0.034	27.630	0.031	27.671	-0.013	33.492	-0.033	33.515	-0.049	33.541	-0.049	33.566	-0.045
27.752	-0.012	27.775	0.005	27.814	0.011	27.881	-0.008	33.567	-0.003	33.607	-0.024	33.632	-0.003	33.659	0.001
27.932	-C.020	27.973	-0.023	*28.007	-0.026	28.043	-0.017	33.687	-0.007	33.713	-0.019	33.743	-0.024	33.772	-0.020
28.066	0.025	28.106	0.037	28.112	0.033	28.119	0.028	33.801	-0.012	33.830	-0.004	33.855	-0.004	33.878	0.0
28.127	0.028	28.160	0.019	28.197	-0.003	28.240	-0.004	33.892	0.004	34.023	0.008	34.048	0.012	34.076	0.032
28.274	-C.009	28.310	-0.010	28.348	-0.011	28.373	-0.004	34.105	0.044	34.128	0.052	34.153	0.060	34.184	0.060
28.393	-0.008	28.421	-0.021	28.446	-0.025	28.490	-0.030	34.212	0.055	34.243	0.047	34.274	0.035	34.305	0.018

34.231	0.010	34.364	0.010	34.395	0.010	34.429	0.006	42.376	0.016	42.415	0.024	42.451	0.033	42.504	0.037
34.459	-0.006	34.490	-0.006	34.521	-0.006	34.547	-0.001	42.555	0.041	42.602	0.045	42.674	0.045	42.722	0.033
34.576	-0.001	34.610	-0.001	34.643	-0.001	34.677	-0.001	42.772	0.016	42.813	0.008	42.892	0.008	42.960	0.008
34.710	-0.001	34.746	0.012	34.777	0.028	34.819	0.028	43.037	0.008	43.076	0.0	43.117	-0.029	43.162	-0.029
34.853	0.037	34.906	0.029	34.942	0.016	34.975	0.008	43.208	-0.037	43.258	-0.037	43.298	-0.029	43.346	-0.021
35.009	-0.021	35.037	-0.020	35.070	-0.012	35.111	-0.004	43.397	-0.004	43.447	0.004	43.505	0.021	43.544	0.033
35.145	-0.005	35.178	0.005	35.214	0.005	35.243	0.021	43.593	0.033	43.649	0.029	43.702	0.021	43.756	0.013
35.276	0.029	35.302	0.033	35.327	0.017	35.355	0.0	43.807	-0.011	43.871	-0.019	43.921	-0.031	43.969	-0.031
35.389	-0.038	35.417	0.0	35.455	0.004	35.494	0.029	44.001	-0.031	44.052	-0.022	44.111	-0.013	44.180	0.003
35.532	0.037	35.565	0.050	35.601	0.046	35.641	0.033	44.235	0.029	44.288	0.033	44.333	0.046	44.381	0.030
35.677	0.021	35.706	0.021	35.736	0.012	35.762	0.0	44.426	0.022	44.488	0.010	44.539	0.002	44.587	-0.014
35.785	-0.009	35.815	-0.017	35.839	-0.017	35.867	-0.018	44.799	-0.026	44.869	-0.012	44.910	-0.011	44.944	-0.021
35.900	-0.018	35.935	-0.030	35.968	-0.038	35.996	-0.050	44.953	0.001	45.016	0.006	45.070	0.014	45.124	0.014
36.029	-0.054	36.061	-0.062	36.080	-0.058	36.114	-0.054	45.069	0.015	45.100	0.023	45.131	0.027	45.163	0.023
36.145	-0.046	36.183	-0.046	36.224	-0.041	36.252	-0.029	45.193	0.028	45.222	0.019	45.251	0.020	45.289	0.012
36.294	-0.016	36.325	0.0	36.363	0.005	36.398	0.025	45.305	0.016	45.327	0.020	45.354	0.012	45.377	0.012
36.424	0.038	36.457	0.042	36.489	0.055	36.517	0.063	45.394	0.016	45.418	0.016	45.436	0.024	45.456	0.028
36.541	0.063	36.566	0.068	36.594	0.067	36.617	0.059	45.477	0.024	45.497	0.024	45.514	0.033	45.535	0.037
36.644	0.047	36.664	0.034	36.689	0.030	36.717	0.026	45.553	0.033	45.573	0.033	45.592	0.028	45.610	0.028
36.743	0.022	36.770	0.014	36.803	0.018	36.832	0.022	45.630	0.028	45.662	0.024	45.684	0.016	45.704	0.012
36.858	0.026	36.888	0.034	36.919	0.030	36.958	0.030	45.734	-0.004	45.751	-0.004	45.779	-0.017	45.806	-0.009
36.998	0.030	37.022	0.017	37.038	0.017	37.140	0.005	45.835	-0.021	45.868	-0.021	45.904	-0.017	45.944	-0.025
37.170	0.0	37.213	0.013	37.234	0.017	37.285	0.004	45.982	-0.025	46.022	-0.021	46.064	-0.008	46.104	0.0
37.324	-0.012	37.358	-0.021	37.396	-0.033	37.425	-0.045	46.134	-0.008	46.165	-0.017	46.202	-0.017	46.236	0.021
37.471	-0.041	37.516	-0.037	37.560	-0.042	37.606	-0.042	46.269	0.021	46.299	0.033	46.327	0.041	46.369	0.046
37.638	-0.050	37.674	-0.042	37.715	-0.030	37.746	-0.030	46.407	0.033	46.448	0.023	46.481	0.029	46.517	0.021
37.786	-0.031	37.822	-0.031	37.865	-0.023	37.904	-0.019	46.547	0.021	46.586	0.026	46.627	0.018	46.660	0.022
37.943	-0.007	37.998	0.017	38.042	0.042	38.081	0.053	46.696	0.034	46.733	0.018	46.779	0.022	46.831	0.018
38.118	0.061	38.154	0.065	38.196	0.068	38.230	0.076	46.875	0.022	46.925	0.031	46.965	0.031	46.996	0.035
38.260	0.076	38.281	0.063	38.317	0.051	38.349	0.038	47.033	0.031	47.070	0.031	47.115	0.023	47.157	0.011
38.382	0.030	38.411	0.029	38.437	0.029	38.469	0.029	47.197	-0.007	47.231	-0.005	47.276	-0.001	47.313	-0.017
38.497	0.012	38.528	0.0	38.560	-0.004	38.593	-0.013	47.350	-0.013	47.427	-0.017	47.455	-0.017	47.500	-0.017
38.627	-0.017	38.656	-0.017	38.692	-0.016	38.732	-0.012	47.538	-0.029	47.590	-0.029	47.648	-0.029	47.694	-0.028
38.765	-0.020	38.797	-0.024	38.829	-0.024	38.865	-0.024	47.736	-0.028	47.788	-0.024	47.830	-0.028	47.869	-0.028
38.904	-0.024	38.936	-0.024	38.971	-0.028	39.000	-0.036	47.902	-0.028	47.937	-0.015	47.978	-0.007	48.020	-0.003
39.169	-0.024	39.205	-0.011	39.242	0.009	39.292	0.014	48.066	0.014	48.116	0.014	48.150	0.022	48.190	0.027
39.337	0.026	39.381	0.043	39.421	0.051	39.467	0.055	48.236	0.043	48.273	0.035	48.313	0.039	48.354	0.027
39.497	0.055	39.531	0.047	39.565	0.039	39.596	0.019	48.399	0.036	48.442	0.032	48.479	0.023	48.520	0.023
39.624	0.002	39.650	-0.010	39.687	-0.022	39.721	-0.026	48.560	0.028	48.608	0.023	48.643	0.023	48.692	0.015
39.768	-0.022	39.797	-0.030	39.832	-0.030	39.871	-0.021	48.737	0.019	48.772	0.023	48.815	0.023	48.856	0.019
39.916	-0.017	39.962	-0.012	40.002	-0.008	40.040	-0.012	48.899	0.023	48.941	0.031	48.997	0.036	49.048	0.040
40.086	-0.003	40.128	-0.003	40.169	0.002	40.215	0.002	49.089	0.036	49.137	0.035	49.187	0.044	49.217	0.044
40.243	0.002	40.285	0.002	40.318	0.003	40.346	-0.006	49.718	-0.004	49.758	-0.004	49.809	0.0	49.847	-0.004
40.378	-0.014	40.412	-0.013	40.439	-0.017	40.470	-0.009	49.881	-0.004	49.919	-0.005	49.961	-0.001	50.004	0.003
40.508	-0.013	40.560	-0.017	40.598	-0.009	40.632	0.0	50.041	-0.001	50.082	-0.005	50.123	-0.005	50.167	0.003
40.666	0.004	40.700	0.004	40.740	0.004	40.778	0.008	50.203	0.011	50.241	-0.010	50.290	-0.010	50.340	-0.006
40.811	0.012	40.849	0.016	40.887	0.024	40.919	0.033	50.384	-0.010	50.421	-0.019	50.468	-0.019	50.505	-0.015
40.965	0.045	41.013	0.049	41.054	0.045	41.086	0.041	50.544	-0.011	50.584	-0.002	50.623	0.010	50.666	0.014
41.126	0.045	41.165	0.037	41.199	0.028	41.234	0.008	50.710	0.023	50.745	0.035	50.789	0.035	50.825	0.052
41.273	0.008	41.301	-0.004	41.337	-0.009	41.372	-0.004	50.868	0.043	50.905	0.035	50.944	0.019	50.986	0.006
41.416	-0.004	41.452	-0.004	41.509	-0.004	41.561	0.004	51.021	0.011	51.073	0.011	51.126	0.015	51.175	0.023
41.611	0.004	41.653	0.008	41.699	0.008	41.744	0.008	51.210	0.011	51.251	0.011	51.289	0.019	51.338	0.015
41.803	0.012	41.852	0.008	41.894	0.0	41.952	0.0								
42.001	0.0	42.063	-0.004	42.120	-0.013	42.179	-0.017								
42.216	-0.017	42.257	-0.004	42.289	0.008	42.335	0.012								

51.388	0.019	51.435	0.023	51.475	0.040	51.516	0.028
51.545	C.032	51.581	0.020	51.627	0.020	51.674	0.016
51.707	C.020	51.762	0.016	51.834	0.016	51.894	0.012
52.025	C.020	52.111	-0.004	52.174	-0.009	52.253	-0.009
52.333	C.0	52.404	0.004	52.448	0.0	52.504	0.016
52.567	C.016	52.611	0.020	52.659	0.012	52.706	0.012
52.755	C.008	52.802	0.008	52.833	0.004	52.852	-0.004
52.874	C.0	52.910	0.0	52.934	0.0	52.959	0.004
52.988	C.008	53.010	0.004	53.033	0.004	53.053	0.012
53.076	C.025	53.102	0.029	53.135	0.029	53.160	0.033
53.189	C.033	53.222	0.029	53.253	0.025	53.282	0.029
53.308	0.025	53.332	0.017	53.363	0.009	53.386	0.001
53.413	-0.007	53.445	-0.003	53.477	-0.007	53.503	-0.007
53.542	-C.003	53.577	-0.003	53.616	0.001	53.648	0.010
53.680	C.014	53.713	0.022	53.746	0.022	53.776	0.035
53.806	C.027	53.833	0.018	53.863	0.015	53.888	0.006
53.914	0.003	53.938	0.003	53.956	0.003	53.980	0.007
54.006	C.011	54.034	0.016	54.071	0.020		

IY375

68.055. 4/8/68 1830PST MILLIKAN, BSMNT., CALTECH, PASADENA, CAL. EAST

2011 POINTS	51.792 SECONDS
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SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0282 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.027	0.019	0.043	0.036	0.031	0.050	0.008	3.251	0.008	3.281	0.004	3.312	0.012	3.335	0.004	3.358	0.004
0.061	0.039	0.077	0.043	0.098	0.038	0.116	0.038	3.358	0.004	3.382	0.008	3.403	0.0	3.418	0.017	3.438	0.017
0.029	0.029	0.161	0.029	0.180	0.025	0.197	0.016	3.438	0.009	3.457	-0.011	3.485	-0.007	3.524	-0.002	3.544	-0.002
0.142	0.008	0.235	0.008	0.254	0.003	0.273	0.007	3.540	0.002	3.563	0.006	3.579	-0.014	3.607	-0.010	3.627	-0.010
0.292	-0.006	0.314	-0.014	0.336	-0.022	0.345	-0.022	3.628	-0.006	3.646	-0.014	3.672	-0.018	3.685	-0.010	3.703	-0.010
0.360	-0.022	0.379	-0.016	0.393	-0.009	0.406	-0.013	3.703	-0.006	3.729	-0.016	3.736	-0.012	3.762	-0.005	3.782	-0.005
0.416	-0.013	0.434	-0.013	0.443	-0.013	0.471	-0.005	3.803	-0.010	3.817	-0.010	3.842	-0.011	3.860	-0.003	3.879	-0.003
0.479	-0.013	0.497	-0.004	0.516	-0.007	0.536	-0.003	3.893	-0.016	3.929	-0.021	3.962	-0.010	4.001	-0.007	4.031	-0.007
0.560	-0.002	0.572	-0.006	0.589	-0.001	0.615	-0.001	4.034	-0.019	4.073	-0.024	4.119	-0.016	4.158	-0.016	4.199	-0.016
0.631	0.008	0.649	0.021	0.669	0.009	0.686	0.014	4.201	-0.012	4.229	-0.019	4.257	-0.002	4.286	-0.006	4.314	-0.006
0.706	0.014	0.726	0.006	0.740	0.007	0.768	0.003	4.319	-0.010	4.352	-0.009	4.381	-0.013	4.433	0.0	4.485	0.001
0.850	0.004	0.817	0.001	0.823	0.009	0.834	0.013	4.472	0.014	4.528	0.003	4.543	0.003	4.589	-0.001	4.639	-0.001
0.897	0.007	0.867	0.022	0.880	0.010	0.892	-0.002	4.885	0.011	4.889	0.015	4.898	0.023	4.920	0.023	4.941	0.023
0.962	-0.001	0.970	0.007	0.977	-0.009	0.988	0.016	5.041	0.027	4.970	0.023	4.997	0.031	5.020	0.030	5.041	0.030
0.995	-0.001	1.006	0.020	1.025	0.015	1.037	0.020	5.144	-0.021	5.174	-0.025	5.203	-0.017	5.236	-0.022	5.269	-0.022
1.048	0.015	1.074	-0.005	1.096	0.007	1.097	0.007	5.254	-0.018	5.272	-0.014	5.290	-0.006	5.318	0.006	5.341	0.006
1.121	-0.006	1.145	-0.011	1.176	-0.004	1.197	0.012	5.347	0.005	5.365	0.009	5.385	0.001	5.401	0.013	5.421	0.013
1.222	-0.006	1.247	-0.002	1.279	-0.004	1.296	-0.008	5.426	0.025	5.450	0.0	5.472	-0.008	5.499	-0.001	5.521	-0.001
1.313	-0.005	1.329	0.011	1.352	-0.004	1.389	0.007	5.526	0.003	5.550	0.002	5.581	-0.006	5.599	-0.003	5.621	-0.003
1.409	0.035	1.443	0.018	1.462	0.035	1.482	0.034	5.616	0.003	5.635	-0.020	5.655	-0.016	5.686	-0.008	5.706	-0.008
1.509	0.034	1.529	0.030	1.551	0.038	1.569	0.029	5.706	-0.017	5.725	-0.026	5.745	-0.022	5.766	-0.015	5.786	-0.015
1.581	0.029	1.598	0.029	1.618	0.029	1.645	0.016	5.764	-0.026	5.77							

7.707	-C.015	7.728	-0.019	7.753	-0.011	7.770	-0.015	14.064	0.024	14.103	0.033	14.149	0.021	14.200	0.006
7.800	-0.011	7.827	-0.015	7.850	-0.023	7.867	-0.023	14.248	0.006	14.267	0.011	14.309	0.007	14.340	0.011
7.882	-0.028	7.909	-0.036	7.929	-0.040	7.955	-0.040	14.356	-0.005	14.369	-0.008	14.405	0.004	14.432	0.0
7.977	-0.024	7.998	-0.024	8.045	-0.016	8.082	-0.016	14.459	-0.004	14.496	-0.008	14.532	-0.017	14.563	-0.021
8.111	-0.003	8.129	0.001	8.148	0.005	8.171	0.005	14.585	-0.009	14.620	0.007	14.639	0.003	14.641	-0.005
8.193	0.005	8.222	0.001	8.245	0.001	8.288	0.001	14.680	-0.006	14.712	0.002	14.724	0.014	14.747	0.002
8.337	-0.007	8.369	-0.011	8.399	-0.023	8.438	-0.011	14.773	0.010	14.792	0.014	14.818	0.009	14.849	0.017
8.472	0.002	8.491	0.002	8.520	-0.023	8.553	-0.006	14.868	0.017	14.901	0.004	14.933	0.003	14.960	-0.001
8.587	-C.006	8.611	0.002	8.633	-0.002	8.659	0.002	14.986	-0.002	15.015	0.018	15.040	0.017	15.072	0.012
8.680	0.002	8.709	-0.014	8.728	-0.023	8.754	-0.015	15.096	-0.001	15.148	0.035	15.177	0.010	15.211	0.009
8.782	-0.006	8.808	0.002	8.834	-0.011	8.859	-0.019	15.224	-0.004	15.256	0.004	15.277	0.016	15.300	-0.001
8.882	-0.023	8.906	-0.019	8.919	-0.019	8.941	0.001	15.339	0.002	15.373	-0.011	15.394	-0.011	15.425	-0.028
8.947	-0.011	8.979	0.001	9.003	-0.007	9.039	0.003	15.441	-0.019	15.472	-0.020	15.483	-0.012	15.492	-0.016
9.043	C.010	9.072	0.006	9.090	-0.007	9.116	0.002	15.498	-0.003	15.500	-0.004	15.501	-0.008	15.522	-0.008
9.156	-0.002	9.202	0.002	9.231	0.002	9.269	-0.002	15.540	-0.012	15.558	-0.016	15.579	0.008	15.602	-0.013
9.254	0.015	9.332	0.011	9.358	0.002	9.390	0.003	15.635	-0.013	15.657	-0.009	15.683	-0.017	15.713	-0.014
9.426	-C.010	9.464	-0.005	9.503	0.003	9.534	0.003	15.735	-0.001	15.786	-0.021	15.812	-0.021	15.812	-0.005
9.559	-C.005	9.601	-0.001	9.621	-0.005	9.645	0.008	15.830	0.004	15.851	0.0	15.873	-0.008	15.908	-0.016
9.673	0.004	9.691	0.008	9.701	0.008	9.734	0.004	15.947	-0.019	15.976	-0.010	15.998	-0.002	16.021	-0.006
9.753	C.008	9.776	0.012	9.810	0.021	9.832	0.025	16.041	-0.014	16.057	-0.017	16.080	-0.013	16.094	-0.017
9.854	C.025	9.887	0.021	9.911	0.004	9.935	0.008	16.106	-0.017	16.120	-0.021	16.138	-0.017	16.153	-0.017
9.958	C.012	9.989	-0.009	10.030	-0.014	10.066	-0.023	16.174	-0.004	16.195	-0.016	16.219	0.0	16.245	0.001
10.110	-0.008	10.155	0.0	10.192	-0.001	10.226	-0.005	16.280	0.007	16.310	-0.003	16.332	0.005	16.357	0.006
10.270	0.010	10.297	0.006	10.326	-0.003	10.367	0.004	16.408	0.022	16.436	0.018	16.478	0.010	16.500	0.026
10.358	C.0	10.414	-0.004	10.452	0.003	10.476	-0.005	16.510	0.018	16.528	0.014	16.549	0.035	16.580	0.022
10.485	-0.001	10.518	-0.002	10.553	-0.010	10.590	-0.007	16.601	0.014	16.619	-0.003	16.640	0.010	16.666	0.014
10.623	-0.015	10.672	0.001	10.703	0.0	10.737	0.016	16.693	-0.007	16.714	-0.003	16.763	0.005	16.795	-0.011
10.768	-0.001	10.790	-0.009	10.794	-0.009	10.823	-0.014	16.808	-0.011	16.855	-0.007	16.873	0.005	16.898	-0.007
10.849	-0.018	10.879	-0.014	10.911	-0.005	10.947	-0.013	16.912	0.001	16.914	-0.003	16.937	0.005	16.966	-0.011
10.980	-C.005	11.015	-0.009	11.060	-0.017	11.093	0.008	16.985	-0.007	16.997	-0.012	17.024	-0.007	17.044	-0.012
11.126	-0.004	11.153	0.0	11.194	0.009	11.237	0.013	17.068	-0.040	17.091	-0.041	17.109	-0.008	17.130	-0.012
11.262	0.013	11.294	0.009	11.317	0.018	11.349	0.009	17.161	-0.012	17.192	-0.016	17.216	-0.004	17.237	-0.008
11.382	C.006	11.405	0.010	11.421	0.006	11.441	0.014	17.258	-0.016	17.281	-0.004	17.312	-0.008	17.341	-0.008
11.469	-0.002	11.481	-0.002	11.506	-0.002	11.537	0.003	17.365	0.0	17.395	-0.008	17.412	0.005	17.424	0.0
11.565	-C.003	11.595	-0.001	11.631	-0.008	11.658	-0.016	17.458	0.009	17.485	-0.004	17.518	-0.008	17.547	-0.008
11.692	-0.016	11.719	-0.016	11.745	-0.019	11.770	-0.015	17.568	0.005	17.588	0.009	17.620	0.017	17.648	0.021
11.777	-C.023	11.808	0.010	11.839	0.006	11.875	0.007	17.663	0.029	17.690	0.033	17.708	0.021	17.724	0.025
11.914	C.020	11.951	0.016	12.014	0.041	12.052	0.020	17.796	0.009	17.856	0.001	17.905	0.047	17.928	0.055
12.224	0.004	12.125	0.016	12.159	0.0	12.178	0.008	18.043	-0.014	18.055	-0.006	18.074	-0.022	18.094	-0.014
12.361	0.008	12.254	0.004	12.288	0.012	12.338	0.008	18.110	-0.038	18.143	-0.022	18.165	-0.013	18.175	-0.009
12.469	-0.005	12.482	-0.009	12.503	-0.006	12.516	0.002	18.195	-0.013	18.224	-0.001	18.252	0.0	18.291	-0.021
12.522	C.006	12.542	0.006	12.558	0.005	12.577	0.005	18.309	-0.029	18.322	-0.033	18.343	-0.024	18.376	-0.020
12.593	0.005	12.616	0.008	12.630	0.020	12.655	0.015	18.404	-0.011	18.445	-0.011	18.464	0.010	18.486	0.026
12.677	C.005	12.696	0.010	12.719	0.010	12.742	0.009	18.514	0.018	18.533	0.030	18.553	0.035	18.573	0.010
12.764	C.005	12.787	0.004	12.826	0.016	12.850	0.011	18.597	0.006	18.637	0.010	18.684	0.006	18.719	0.006
12.875	0.015	12.896	0.010	12.917	0.001	12.953	-0.003	18.763	0.002	18.802	-0.014	18.863	-0.018	18.913	-0.030
12.961	0.005	12.996	0.016	13.027	-0.021	13.060	-0.030	18.941	-0.038	18.976	-0.021	19.019	-0.013	19.052	-0.017
13.097	-0.022	13.150	-0.032	13.184	-0.008	13.230	-0.017	19.100	-0.025	19.135	-0.049	19.186	-0.065	19.224	-0.028
13.245	-C.017	13.263	-0.030	13.282	-0.022	13.307	-0.018	19.226	-0.024	19.247	-0.003	19.259	0.010	19.265	0.026
13.340	-C.018	13.379	-0.009	13.409	0.0	13.437	-0.008	19.284	0.027	19.300	0.043	19.345	0.044	19.355	0.036
13.475	0.005	13.514	-0.006	13.539	0.005	13.567	0.006	19.371	0.020	19.384	0.004	19.411	-0.016	19.427	-0.024
13.552	-0.002	13.625	-0.006	13.646	-0.006	13.681	0.011	19.442	-0.003	19.472	-0.003	19.492	0.006	19.515	-0.001
13.705	-0.001	13.750	-0.008	13.778	-0.004	13.801	-0.008	19.541	0.012	19.558	0.012	19.581	0.009	19.602	0.022
13.830	0.005	13.862	-0.007	13.858	-0.019	13.922	0.014	19.620	0.014	19.650	0.011	19.663	0.011	19.683	0.012
13.947	C.015	13.975	0.003	14.001	0.007	14.039	0.020	19.701	0.008	19.721	0.030	19.744	0.030	19.769	0.064

19.792	C.073	19.838	0.074	19.878	0.067	19.897	0.039	24.617	0.070	24.653	0.057	24.683	0.024	24.698	0.004
19.933	C.019	19.963	0.011	19.997	0.020	20.028	0.016	24.720	0.025	24.751	0.016	24.780	0.016	24.808	-0.004
20.045	C.012	20.061	0.012	20.086	0.009	20.114	0.005	24.829	0.012	24.851	0.021	24.879	0.004	24.908	0.033
20.130	C.005	20.153	-0.003	20.170	-0.027	20.185	-0.027	24.936	0.050	24.974	0.031	25.008	0.013	25.038	0.017
20.215	-C.043	20.252	-0.067	20.281	-0.075	20.301	-0.046	25.080	-0.033	25.109	-0.050	25.135	-0.074	25.174	-0.079
20.316	-C.033	20.325	-0.013	20.343	-0.004	20.358	0.006	25.214	-0.054	25.238	-0.026	25.266	0.011	25.305	-0.023
20.378	C.029	20.397	0.058	20.422	0.091	20.440	0.094	25.340	0.060	25.381	0.031	25.423	0.002	25.453	-0.039
20.451	C.073	20.497	0.073	20.509	0.060	20.522	0.072	25.480	0.032	25.520	-0.081	25.555	-0.065	25.573	-0.048
20.545	C.059	20.566	0.071	20.581	0.087	20.591	0.095	25.601	-0.034	25.629	-0.016	25.653	-0.045	25.672	-0.062
20.613	0.099	20.636	0.115	20.664	0.094	20.692	0.068	25.690	-0.079	25.715	-0.108	25.734	-0.100	25.759	-0.075
20.713	0.052	20.733	0.035	20.758	0.034	20.764	0.050	25.791	0.055	25.819	-0.043	25.857	-0.002	25.874	0.006
20.769	C.050	20.779	0.042	20.812	0.058	20.823	0.033	25.901	0.009	25.909	0.009	25.942	-0.003	25.958	-0.012
20.834	0.049	20.846	0.061	20.861	0.048	20.875	0.048	25.982	-0.004	26.009	0.008	26.028	0.008	26.041	-0.009
20.887	C.036	20.900	0.015	20.927	0.010	20.952	-0.032	26.056	-0.009	26.071	-0.005	26.095	0.003	26.125	0.010
21.084	C.011	21.097	0.002	21.122	-0.002	21.138	0.001	26.136	0.019	26.157	-0.001	26.180	0.035	26.205	0.011
21.156	-C.007	21.169	-0.024	21.195	-0.024	21.234	0.001	26.221	0.023	26.242	0.031	26.272	0.030	26.285	0.038
21.256	-C.050	21.285	-0.055	21.324	-0.019	21.339	-0.050	26.298	0.022	26.323	0.050	26.341	0.067	26.367	0.066
21.363	-C.003	21.381	0.013	21.398	0.0	21.406	0.008	26.367	0.062	26.416	0.066	26.434	0.066	26.454	0.062
21.416	C.021	21.429	0.020	21.442	0.008	21.452	0.003	26.469	0.049	26.494	0.012	26.525	0.016	26.548	0.037
21.462	C.011	21.476	0.011	21.494	-0.006	21.519	-0.010	26.569	0.045	26.589	0.045	26.612	0.049	26.635	0.048
21.527	-C.006	21.548	-0.007	21.571	-0.001	21.589	-0.007	26.668	0.061	26.691	0.065	26.721	0.056	26.742	0.056
21.607	-C.003	21.614	-0.011	21.622	0.006	21.638	-0.031	26.757	0.035	26.775	0.019	26.802	0.019	26.825	0.006
21.645	C.001	21.658	0.001	21.674	0.001	21.679	-0.015	26.853	0.014	26.889	-0.002	26.912	-0.003	26.933	-0.011
21.688	-C.011	21.701	0.010	21.710	-0.003	21.724	0.001	26.976	-0.032	26.991	-0.044	27.022	-0.053	27.047	0.028
21.746	C.001	21.758	0.019	21.782	-0.019	21.797	0.036	27.072	-0.020	27.088	-0.029	27.097	-0.012	27.105	-0.012
21.809	-C.048	21.836	-0.056	21.836	-0.081	21.854	-0.052	27.115	-0.029	27.133	0.0	27.166	-0.017	27.184	-0.025
21.864	-C.048	21.877	-0.044	21.890	-0.036	21.902	0.040	27.199	-0.017	27.212	-0.009	27.227	-0.001	27.238	-0.021
21.910	-C.036	21.928	-0.036	21.943	-0.031	21.956	-0.027	27.263	-0.035	27.296	-0.026	27.303	-0.038	27.323	-0.039
21.980	-C.031	22.006	-0.031	22.027	-0.040	22.047	-0.039	27.339	-0.084	27.351	-0.068	27.370	-0.064	27.379	-0.080
22.075	-C.031	22.098	-0.035	22.119	-0.023	22.161	-0.014	27.403	-0.084	27.439	-0.105	27.451	-0.077	27.482	-0.056
22.183	C.002	22.202	0.002	22.222	-0.014	22.250	-0.018	27.495	-0.056	27.505	-0.047	27.520	-0.056	27.540	-0.039
22.276	-0.014	22.303	-0.022	22.334	-0.030	22.361	-0.022	27.548	-0.043	27.563	-0.047	27.586	-0.043	27.591	-0.034
22.392	C.003	22.408	0.011	22.436	0.016	22.475	0.037	27.608	-0.079	27.609	-0.055	27.611	-0.059	27.612	-0.067
22.494	C.024	22.509	0.012	22.530	0.008	22.550	-0.029	27.634	-0.071	27.662	-0.050	27.685	-0.021	27.698	-0.001
22.563	-0.029	22.582	-0.033	22.602	-0.041	22.626	-0.036	27.728	0.033	27.754	0.045	27.777	0.054	27.805	0.041
22.641	-0.044	22.659	-0.052	22.679	-0.019	22.713	-0.015	27.827	0.025	27.850	0.013	27.869	0.009	27.889	-0.007
22.729	-0.015	22.747	-0.015	22.762	-0.002	22.768	-0.019	27.912	-0.019	27.938	-0.007	27.961	-0.023	27.997	0.006
22.791	-C.019	22.830	-0.014	22.844	-0.018	22.862	-0.010	28.026	0.006	28.054	0.015	28.079	0.015	28.092	0.007
22.873	-C.005	22.886	-0.014	22.905	-0.009	22.923	-0.005	28.112	-0.013	28.120	-0.005	28.121	-0.005	28.123	-0.005
22.954	C.007	22.974	0.036	22.999	0.037	23.014	0.045	28.125	0.0	28.126	0.0	28.128	0.004	28.153	-0.004
23.040	C.049	23.060	0.066	23.080	0.050	23.098	0.050	28.169	-0.004	28.225	0.017	28.254	0.018	28.257	0.026
23.132	C.050	23.159	0.054	23.172	0.067	23.200	0.067	28.277	0.018	28.298	0.022	28.318	0.043	28.341	0.018
23.218	C.055	23.240	0.051	23.271	0.047	23.301	0.043	28.356	0.018	28.386	0.023	28.410	0.014	28.437	0.006
23.327	C.035	23.357	0.007	23.398	-0.014	23.443	-0.015	28.473	0.023	28.498	0.027	28.524	0.011	28.554	-0.006
23.488	-C.017	23.528	-0.037	23.558	-0.032	23.609	-0.031	28.575	0.011	28.596	0.015	28.615	0.019	28.636	0.019
23.649	-C.027	23.686	-0.018	23.716	0.007	23.749	0.041	28.666	0.002	28.694	0.002	28.725	-0.010	28.751	-0.014
23.782	C.058	23.812	0.042	23.853	0.014	23.888	-0.006	28.776	0.014	28.807	-0.030	28.834	-0.030	28.860	-0.030
23.935	-C.001	23.962	-0.013	23.991	0.008	24.011	0.021	28.890	-0.047	28.920	-0.043	28.943	-0.059	28.973	-0.039
24.032	C.042	24.055	0.030	24.078	0.005	24.098	-0.011	28.998	-0.043	29.028	-0.030	29.061	-0.026	29.099	-0.014
24.118	-C.006	24.137	-0.002	24.164	-0.018	24.187	-0.021	29.127	-0.010	29.151	-0.006	29.191	-0.018	29.219	-0.010
24.221	-C.037	24.238	-0.016	24.246	-0.037	24.264	-0.032	29.254	0.007	29.282	0.028	29.305	0.032	29.320	0.036
24.275	-0.015	24.284	-0.015	24.293	-0.015	24.304	-0.014	29.342	0.044	29.363	0.032	29.381	0.028	29.403	0.036
24.363	C.003	24.389	0.007	24.410	-0.007	24.423	-0.001	29.426	0.044	29.449	0.020	29.472	0.024	29.494	0.007
24.439	0.008	24.468	0.008	24.494	0.036	24.512	0.053	29.522	0.012	29.552	0.008	29.573	0.016	29.599	-0.001
24.541	C.078	24.573	0.078	24.591	0.078	24.599	0.090	29.629	0.012	29.656	-0.005	29.685	0.012	29.718	0.016
								29.751	-0.009	29.780	0.008	29.813	0.008	29.842	0.037

29.867	0.057	29.911	0.053	29.944	0.074	29.968	0.082	35.784	-0.067	35.827	-0.062	35.877	-0.067	35.910	-0.075
29.959	0.078	30.012	0.074	30.022	0.070	30.042	0.062	35.934	-0.091	35.969	-0.054	36.000	-0.050	36.032	-0.022
30.075	0.066	30.116	0.050	30.116	0.041	30.140	0.037	36.065	-0.009	36.106	-0.022	36.140	0.003	36.190	0.024
30.155	C.046	30.166	0.042	30.188	0.046	30.191	0.046	36.225	-0.052	36.260	0.073	36.289	0.073	36.324	0.065
30.197	C.037	30.210	0.033	30.237	0.009	30.253	-0.004	36.351	0.069	36.377	0.073	36.395	0.069	36.422	0.052
30.273	C.004	30.296	-0.020	30.330	-0.033	30.348	-0.045	36.455	0.052	36.489	0.032	36.511	0.023	36.552	0.003
30.364	-0.041	30.383	-0.045	30.396	-0.049	30.411	-0.045	36.582	-0.001	36.620	-0.002	36.642	-0.002	36.680	-0.018
30.432	-0.046	30.465	-0.037	30.489	-0.050	30.517	-0.054	36.714	-0.022	36.747	-0.043	36.785	-0.047	36.833	-0.047
30.543	-C.054	30.580	-0.070	30.609	-0.075	30.622	-0.075	36.873	-0.039	36.891	-0.039	36.918	-0.043	36.953	-0.043
30.640	-C.075	30.668	-0.071	30.689	-0.071	30.682	-0.071	36.969	-0.035	36.994	-0.035	37.014	-0.023	37.050	-0.014
30.658	-0.063	30.715	-0.067	30.729	-0.076	30.747	-0.071	37.082	0.031	37.117	0.031	37.148	0.027	37.186	0.026
30.771	-C.067	30.802	-0.046	30.823	-0.026	30.846	-0.005	37.223	0.014	37.266	0.022	37.300	0.010	37.351	0.026
30.880	0.032	30.914	0.036	30.945	0.019	30.977	0.036	37.387	0.022	37.423	0.022	37.446	0.014	37.481	0.022
31.010	C.035	31.031	C.040	31.049	0.056	31.070	0.031	37.512	0.006	37.547	0.006	37.571	-0.011	37.589	-0.003
31.101	0.035	31.123	0.027	31.148	0.023	31.180	0.019	37.618	-0.007	37.631	-0.032	37.659	-0.019	37.678	-0.019
31.211	C.018	31.248	C.014	31.284	0.018	31.315	0.018	37.711	0.009	37.734	0.001	37.760	-0.015	37.776	-0.020
31.337	C.014	31.369	0.010	31.401	0.026	31.427	0.043	37.822	-0.024	37.848	-0.049	37.880	-0.028	37.905	-0.045
31.458	C.038	31.497	0.059	31.529	0.059	31.564	0.034	37.929	-0.045	37.960	-0.032	37.983	-0.032	38.017	-0.016
31.593	C.050	31.630	0.050	31.660	0.030	31.692	0.038	38.051	0.017	38.080	0.033	38.106	0.050	38.145	0.054
31.718	C.050	31.733	0.025	31.764	0.029	31.777	0.029	38.183	0.066	38.204	0.062	38.227	0.062	38.262	0.061
31.797	C.029	31.832	0.046	31.867	0.037	31.877	0.042	38.277	0.061	38.301	0.070	38.329	0.061	38.357	0.065
31.901	C.050	31.927	0.017	31.963	0.021	31.975	0.005	38.376	0.045	38.399	0.020	38.415	0.028	38.436	0.028
31.988	C.0	32.008	0.009	32.026	0.013	32.048	0.005	38.451	0.032	38.475	0.003	38.496	0.003	38.521	0.003
32.066	0.009	32.086	0.013	32.099	0.029	32.117	0.013	38.547	0.015	38.561	0.003	38.587	-0.010	38.607	-0.014
32.137	0.017	32.183	0.013	32.215	-0.008	32.245	-0.028	38.644	-0.022	38.674	-0.014	38.704	-0.018	38.724	-0.039
32.282	-C.028	32.314	-0.041	32.340	-0.041	32.361	-0.041	38.748	-0.039	38.774	-0.043	38.797	-0.031	38.832	-0.043
32.390	-C.037	32.405	-0.045	32.436	-0.032	32.452	-0.041	38.860	-0.047	38.890	-0.048	38.906	-0.031	38.937	-0.036
32.472	-C.020	32.498	-0.016	32.519	-0.024	32.544	-0.008	38.972	-0.023	38.997	-0.019	39.008	-0.036	39.040	-0.036
32.558	-C.020	32.591	-0.024	32.606	-0.028	32.625	-0.016	39.071	-0.056	39.092	-0.069	39.125	-0.057	39.167	-0.049
32.648	-C.033	32.682	-0.028	32.713	-0.012	32.751	0.033	39.217	-0.049	39.264	-0.041	39.290	-0.020	39.332	-0.049
32.777	C.041	32.821	0.045	32.864	0.062	32.893	0.045	39.366	-0.033	39.398	-0.037	39.429	-0.029	39.479	-0.013
32.937	C.033	32.983	0.004	33.014	0.004	33.062	0.0	39.492	0.004	39.508	0.020	39.533	0.016	39.560	0.024
33.080	-C.005	33.119	0.016	33.146	-0.001	33.180	0.003	39.591	0.016	39.622	0.020	39.659	0.020	39.678	0.024
33.218	C.012	33.237	0.028	33.272	0.028	33.303	0.036	39.699	0.028	39.730	0.020	39.763	0.024	39.776	0.015
33.336	C.020	33.374	0.019	33.380	0.003	33.408	0.011	39.802	0.028	39.824	0.032	39.856	0.044	39.880	0.052
33.422	C.007	33.453	0.023	33.478	0.027	33.499	0.040	39.907	0.048	39.923	0.064	39.940	0.060	39.961	0.064
33.534	C.039	33.574	0.039	33.592	0.047	33.613	0.031	39.985	0.068	40.019	0.060	40.071	0.055	40.099	0.047
33.636	C.039	33.651	0.027	33.678	0.022	33.711	0.031	40.138	0.047	40.168	0.043	40.193	0.043	40.221	0.014
33.749	C.014	33.765	0.010	33.780	0.002	33.805	-0.007	40.259	0.030	40.311	0.014	40.358	0.014	40.397	-0.003
33.836	-C.019	33.856	-0.023	33.884	-0.052	33.902	-0.044	40.431	-0.003	40.478	0.014	40.522	0.001	40.565	-0.007
33.921	-C.044	33.929	-0.044	33.961	-0.040	33.997	-0.036	40.600	-0.015	40.625	-0.011	40.666	-0.007	40.703	-0.019
34.028	-0.041	34.070	-0.028	34.098	-0.028	34.131	-0.037	40.738	-0.027	40.776	-0.036	40.802	-0.027	40.843	-0.036
34.157	-C.016	34.183	-0.029	34.205	-0.029	34.232	-0.033	40.873	-0.052	40.912	-0.052	40.932	-0.060	40.953	-0.052
34.262	-C.037	34.287	-0.029	34.309	-0.021	34.334	0.004	40.973	-0.056	40.999	-0.044	41.027	-0.048	41.051	-0.056
34.355	C.036	34.396	0.044	34.420	0.044	34.453	0.032	41.068	-0.044	41.102	-0.056	41.127	-0.048	41.143	-0.068
34.467	C.007	34.513	0.011	34.546	-0.005	34.582	-0.001	41.164	-0.056	41.190	-0.048	41.228	-0.040	41.259	-0.027
34.616	-0.002	34.655	-0.010	34.685	-0.006	34.711	0.006	41.294	-0.007	41.326	-0.003	41.357	0.022	41.398	0.039
34.745	C.014	34.771	0.023	34.794	0.027	34.817	0.035	41.437	0.039	41.463	0.039	41.492	0.039	41.521	0.055
34.843	C.051	34.871	0.063	34.891	0.068	34.920	0.080	41.550	0.051	41.586	0.047	41.617	0.039	41.646	0.051
34.931	C.076	34.961	0.092	34.994	0.075	35.081	0.051	41.682	0.087	41.715	0.027	41.750	0.023	41.780	0.010
35.105	0.030	35.138	0.034	35.184	0.030	35.218	0.030	41.820	0.039	41.851	0.002	41.879	0.006	41.898	0.006
35.243	C.013	35.269	0.017	35.292	0.017	35.356	0.033	41.932	-0.039	41.955	-0.031	41.985	-0.039	42.009	-0.022
35.349	0.021	35.369	0.017	35.390	0.025	35.407	-0.008	42.041	-0.018	42.066	-0.035	42.100	-0.049	42.124	-0.055
35.440	-C.008	35.449	0.0	35.476	-0.016	35.499	-0.033	42.155	-0.047	42.183	-0.039	42.204	-0.030	42.230	-0.014
35.527	-C.016	35.566	-0.029	35.591	-0.037	35.634	-0.050	42.255	-0.010	42.290	-0.006	42.313	-0.006	42.334	-0.002
35.671	-C.050	35.697	-0.050	35.722	-0.058	35.756	-0.058	42.367	0.007	42.400	0.019	42.434	0.011	42.457	0.015

42.482	-C.002	42.500	0.002	42.518	-0.002	42.546	-0.002	47.867	0.005	47.900	-0.007	47.931	-0.011	47.966	-0.002
42.595	-0.010	42.619	0.002	42.662	-0.014	42.696	-0.022	47.993	-0.002	48.038	-0.023	48.071	-0.027	48.104	-0.035
42.732	-C.010	42.764	-0.010	42.751	-0.006	42.821	-0.006	48.145	-0.030	48.168	0.011	48.194	0.003	48.224	0.007
42.855	-C.018	42.885	-0.018	42.938	-0.010	42.984	-0.006	48.271	-0.009	48.306	0.020	48.357	0.016	48.393	0.012
43.012	-C.002	43.048	0.027	43.082	0.015	43.118	0.015	48.413	0.024	48.440	0.012	48.468	0.016	48.493	0.021
43.145	C.015	43.171	0.019	43.199	0.023	43.240	0.011	48.518	0.025	48.544	0.025	48.559	0.029	48.599	0.046
43.274	-C.005	43.327	-0.009	43.373	-0.018	43.419	-0.011	48.625	0.038	48.652	0.030	48.677	0.038	48.705	0.022
43.450	C.015	43.489	-0.009	43.522	-0.017	43.567	-0.026	48.720	0.038	48.748	-0.003	48.773	0.014	48.786	0.014
43.553	-C.034	43.621	-0.042	43.647	-0.034	43.685	-0.005	48.819	0.018	48.832	0.014	48.847	0.010	48.865	0.002
43.713	-C.058	43.737	-0.050	43.763	-0.042	43.798	-0.004	48.884	-0.002	48.903	-0.015	48.937	-0.002	48.971	-0.014
43.837	0.0	43.873	-0.004	43.908	-0.012	43.942	-0.012	48.988	0.010	49.014	-0.018	49.039	-0.002	49.051	-0.002
43.953	-C.024	44.016	-0.028	44.042	-0.040	44.084	-0.040	49.075	-0.010	49.102	-0.010	49.122	-0.006	49.133	-0.014
44.127	-0.036	44.176	-0.056	44.225	-0.044	44.254	-0.035	49.153	-0.018	49.188	-0.026	49.186	-0.026	49.216	-0.030
44.285	-0.031	44.313	-0.027	44.349	-0.014	44.385	-0.022	49.236	-0.030	49.251	-0.030	49.267	-0.021	49.290	-0.034
44.418	-C.022	44.441	0.003	44.464	0.003	44.486	0.003	49.315	-0.021	49.340	-0.021	49.360	-0.021	49.386	-0.009
44.519	C.015	44.555	0.019	44.583	0.028	44.607	0.032	49.407	0.0	49.436	-0.004	49.459	-0.008	49.483	0.0
44.632	C.036	44.603	0.036	44.693	0.032	44.714	0.024	49.503	-0.004	49.518	0.0	49.544	0.0	49.579	0.009
44.737	C.021	44.760	0.033	44.785	0.033	44.808	0.025	49.610	0.017	49.629	0.021	49.665	0.030	49.690	0.026
44.840	C.021	44.874	0.009	44.883	0.026	44.895	0.005	49.708	0.018	49.744	0.022	49.780	0.034	49.827	0.030
44.916	-C.007	44.940	-0.007	44.945	-0.007	44.960	-0.023	49.866	0.010	49.905	-0.006	49.938	0.002	49.980	0.006
44.969	-0.015	44.985	-0.011	44.998	-0.002	45.014	-0.010	50.031	-0.002	50.070	-0.010	50.108	-0.001	50.144	0.028
45.036	C.011	45.051	-0.014	45.056	-0.030	45.086	-0.022	50.181	-0.013	50.206	-0.001	50.229	-0.005	50.291	-0.005
45.107	-0.042	45.134	-0.034	45.155	-0.030	45.183	-0.033	50.330	0.004	50.390	0.004	50.416	0.004	50.451	-0.004
45.158	-0.021	45.214	-0.025	45.238	-0.029	45.259	-0.025	50.467	-0.012	50.527	-0.012	50.575	-0.024	50.616	-0.024
45.283	-0.016	45.299	0.016	45.308	-0.024	45.324	-0.007	50.674	-0.033	50.724	-0.011	50.781	-0.011	50.832	-0.027
45.337	C.009	45.355	0.005	45.385	-0.015	45.403	-0.015	50.863	-0.023	50.902	-0.019	50.944	-0.019	50.989	0.002
45.412	-0.007	45.420	-0.007	45.431	-0.002	45.443	-0.011	51.031	-0.002	51.070	0.002	51.107	0.007	51.152	0.015
45.456	-0.002	45.466	-0.002	45.480	0.002	45.492	0.002	51.205	-0.001	51.247	0.007	51.307	0.003	51.362	-0.009
45.503	-0.010	45.513	-0.006	45.536	-0.014	45.551	-0.006	51.423	-0.013	51.457	-0.034	51.485	-0.021	51.523	-0.038
45.564	0.003	45.578	0.003	45.600	-0.005	45.611	0.007	51.561	-0.021	51.590	-0.004	51.629	-0.004	51.676	0.008
45.625	0.003	45.640	0.016	45.655	-0.012	45.670	0.020	51.719	-0.004	51.753	0.0	51.792	0.001	51.834	0.013
45.684	C.028	45.696	0.028	45.710	0.033	45.810	0.033								
45.751	C.033	45.767	0.037	45.791	0.033	45.810	0.033								
45.832	C.038	45.853	0.034	45.878	0.042	45.902	0.034								
45.915	C.038	45.932	0.046	45.963	0.051	45.990	0.043								
46.020	C.022	46.034	0.030	46.057	0.010	46.089	0.019								
46.105	C.002	46.125	-0.011	46.158	-0.031	46.188	-0.019								
46.205	-C.027	46.227	-0.027	46.242	-0.027	46.263	-0.048								
46.289	-C.035	46.309	-0.019	46.318	-0.027	46.339	-0.019								
46.362	-0.035	46.390	-0.015	46.423	-0.006	46.451	-0.014								
46.465	-0.006	46.487	-0.010	46.510	-0.027	46.531	-0.027								
46.559	-0.031	46.587	-0.027	46.611	-0.035	46.634	-0.043								
46.654	-C.018	46.666	-0.031	46.690	-0.035	46.710	-0.026								
46.721	-C.035	46.738	-0.010	46.754	-0.039	46.766	-0.018								
46.782	-C.035	46.797	-0.026	46.825	-0.035	46.842	-0.047								
46.859	-C.034	46.875	-0.034	46.897	-0.026	46.915	-0.047								
46.939	-C.042	46.955	-0.051	46.973	-0.042	46.995	-0.051								
47.015	-C.042	47.037	-0.042	47.061	-0.046	47.075	-0.030								
47.097	-C.013	47.108	-0.005	47.131	-0.021	47.155	-0.013								
47.176	0.007	47.197	0.007	47.221	0.016	47.242	0.024								
47.269	C.024	47.300	0.041	47.324	0.037	47.356	0.041								
47.372	C.037	47.393	0.008	47.424	0.016	47.441	0.008								
47.472	C.020	47.494	0.033	47.517	0.012	47.541	0.016								
47.575	C.017	47.591	0.004	47.609	0.008	47.636	0.0								
47.660	C.0	47.676	0.013	47.699	-0.012	47.729	0.013								
47.757	C.001	47.789	-0.016	47.810	0.005	47.834	0.013								

1Y375

68.055. 4/8/68 1830PST MILLIKAN, BSMNT., CALTECH, PASADENA, CAL. DOWN

1910 POINTS 53.917 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADIRECTION, IS 0.0152 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.034	0.025	0.022	0.044	0.014	0.061	0.010	4.047	0.016	4.070	0.008	4.087	0.008	4.123	-0.007				
0.077	0.002	0.090	0.002	0.099	-0.006	0.129	-0.005	4.151	-0.015	4.179	-0.019	4.200	-0.015	4.228	0.005				
0.155	-0.009	0.180	-0.009	0.207	-0.005	0.237	-0.001	4.267	0.017	4.298	0.037	4.328	0.029	4.357	0.029				
0.260	0.003	0.285	0.003	0.320	-0.001	0.351	-0.004	4.404	-0.001	4.418	0.005	4.443	-0.003	4.468	-0.003				
0.378	0.004	0.406	0.004	0.435	-0.008	0.451	-0.008	4.494	-0.003	4.522	0.013	4.549	0.001	4.578	-0.015				
0.475	-0.013	0.495	-0.009	0.511	0.007	0.535	0.019	4.605	-0.019	4.606	-0.019	4.624	-0.027	4.647	-0.022				
0.554	0.031	0.570	0.031	0.590	0.022	0.604	0.018	4.654	-0.022	4.671	-0.014	4.689	-0.010	4.715	0.001				
0.614	0.018	0.626	0.010	0.627	0.014	0.650	0.010	4.731	0.026	4.751	0.021	4.773	0.025	4.796	0.013				
0.670	0.010	0.681	0.010	0.684	0.010	0.690	0.022	4.817	0.005	4.843	0.009	4.870	0.005	4.889	0.013				
0.712	0.009	0.736	0.013	0.747	-0.007	0.775	-0.003	4.909	0.017	4.928	-0.003	4.946	0.001	4.966	0.001				
0.796	0.009	0.829	-0.004	0.845	0.008	0.876	0.004	4.987	-0.007	5.007	0.009	5.020	0.021	5.038	0.004				
0.894	0.004	0.908	0.016	0.924	-0.001	0.940	0.003	5.063	0.008	5.081	0.008	5.110	-0.004	5.132	0.0				
0.954	0.003	0.985	-0.013	1.007	0.010	1.028	-0.010	5.156	0.0	5.173	-0.004	5.184	-0.016	5.209	-0.028				
1.047	-0.014	1.072	-0.003	1.107	0.001	1.123	0.021	5.223	-0.020	5.233	-0.016	5.250	-0.016	5.263	-0.008				
1.138	0.016	1.162	0.008	1.186	0.012	1.198	0.008	5.281	0.016	5.295	0.028	5.315	0.016	5.335	0.023				
1.220	-0.017	1.246	-0.025	1.266	-0.022	1.291	-0.006	5.389	0.035	5.410	0.026	5.426	0.026	5.441	0.014				
1.334	0.010	1.362	-0.007	1.383	0.001	1.430	0.016	5.467	0.010	5.498	0.009	5.515	0.005	5.543	0.001				
1.469	0.008	1.505	-0.001	1.523	-0.001	1.555	0.002	5.572	0.008	5.601	-0.015	5.631	-0.017	5.657	0.003				
1.588	0.010	1.620	-0.003	1.654	-0.003	1.698	-0.008	5.680	-0.009	5.713	-0.018	5.737	-0.018	5.757	-0.008				
1.719	-0.032	1.756	-0.029	1.785	-0.029	1.815	-0.021	5.785	-0.006	5.818	-0.003	5.842	-0.007	5.872	-0.008				
1.844	-0.024	1.875	-0.020	1.902	-0.027	1.932	-0.035	5.892	-0.008	5.907	-0.004	5.923	0.0	5.951	0.012				
1.967	-0.022	1.996	-0.017	2.026	0.008	2.048	0.012	5.986	0.007	6.022	0.015	6.058	0.006	6.088	-0.002				
2.081	0.013	2.107	0.014	2.120	0.018	2.134	-0.010	6.118	0.005	6.154	-0.015	6.190	-0.019	6.222	-0.011				
2.157	-0.013	2.177	-0.001	2.198	0.008	2.225	-0.004	6.248	0.001	6.275	0.005	6.299	-0.003	6.329	-0.011				
2.238	0.001	2.251	0.009	2.266	0.013	2.282	0.018	6.362	-0.019	6.399	-0.011	6.427	-0.020	6.451	-0.020				
2.295	0.046	2.310	0.018	2.323	0.010	2.336	0.011	6.476	-0.012	6.504	0.008	6.529	0.008	6.556	0.008				
2.352	-0.001	2.367	-0.021	2.388	-0.013	2.406	-0.020	6.592	0.0	6.628	0.0	6.650	0.028	6.671	0.016				
2.417	-0.024	2.452	-0.024	2.478	-0.023	2.504	-0.031	6.696	0.024	6.711	0.028	6.744	0.012	6.764	0.004				
2.538	-0.002	2.577	-0.006	2.608	-0.005	2.641	0.003	6.787	-0.012	6.805	-0.015	6.831	-0.019	6.856	-0.007				
2.675	0.012	2.709	0.0	2.747	0.001	2.784	0.014	6.882	-0.019	6.912	-0.003	6.935	0.013	6.961	0.005				
2.825	0.014	2.858	0.006	2.891	-0.007	2.923	0.001	6.969	0.013	6.972	0.013	6.974	0.017	6.982	0.009				
2.963	0.009	3.059	0.004	3.167	-0.024	3.147	-0.032	7.000	0.001	7.020	0.005	7.038	0.005	7.062	-0.007				
3.192	-0.037	3.229	-0.017	3.260	-0.005	3.275	-0.013	7.070	-0.007	7.090	0.001	7.103	-0.007	7.123	-0.015				
3.295	-0.013	3.331	-0.009	3.357	0.004	3.375	-0.004	7.144	-0.008	7.162	-0.004	7.182	-0.016	7.205	-0.004				
3.402	-0.004	3.433	0.0	3.461	0.001	3.490	0.021	7.227	0.008	7.250	0.0	7.255	-0.005	7.282	-0.009				
3.511	0.009	3.539	0.001	3.569	0.013	3.595	-0.002	7.288	-0.021	7.290	-0.005	7.301	-0.006	7.313	-0.006				
3.614	-0.002	3.653	0.006	3.683	0.010	3.725	0.015	7.337	-0.007	7.356	-0.003	7.374	0.009	7.390	0.008				
3.759	-0.003	3.798	-0.017	3.798	0.023	3.816	0.003	7.408	0.0	7.428	0.007	7.442	0.011	7.450	0.007				
3.844	-0.001	3.875	0.012	3.898	-0.008	3.921	0.012	7.475	0.014	7.492	0.026	7.513	0.009	7.515	-0.003				
3.954	0.012	3.984	0.012	4.028	0.0	4.029	0.0	7.534	0.009	7.559	0.008	7.578	0.004	7.591	0.004				

7.606	C.003	7.632	0.003	7.633	-0.001	7.649	0.010	12.810	0.002	12.842	0.001	12.861	0.005	12.887	-0.004
7.666	C.002	7.690	0.002	7.713	-0.003	7.737	0.001	12.913	0.0	12.946	0.003	12.969	-0.005	13.014	-0.010
7.769	-C.008	7.800	-0.020	7.826	-0.017	7.863	-0.018	13.019	-0.002	13.037	-0.002	13.057	-0.002	13.082	0.005
7.882	-0.010	7.903	-0.006	7.931	-0.001	7.950	0.005	13.108	0.001	13.139	-0.004	13.154	0.012	13.167	0.004
7.986	-0.004	8.015	0.004	8.044	-0.001	8.068	0.003	13.201	0.004	13.224	0.0	13.237	-0.008	13.252	-0.016
8.078	-0.001	8.097	0.010	8.116	0.022	8.128	-0.002	13.291	0.004	13.313	0.004	13.336	0.004	13.362	0.008
8.155	-0.015	8.173	-0.003	8.198	0.013	8.208	0.016	13.388	0.004	13.415	0.004	13.438	-0.004	13.457	0.0
8.232	0.012	8.250	0.004	8.269	0.007	8.300	0.011	13.482	-0.012	13.495	0.0	13.517	0.008	13.541	-0.009
8.318	-0.001	8.336	-0.009	8.360	-0.005	8.381	-0.025	13.576	0.003	13.592	-0.001	13.602	-0.001	13.617	-0.009
8.401	-0.037	8.417	-0.021	8.440	-0.017	8.466	-0.005	13.634	-0.009	13.657	-0.009	13.675	-0.013	13.713	-0.009
8.484	0.003	8.511	-0.013	8.540	-0.025	8.571	-0.013	13.732	-0.009	13.752	-0.005	13.764	0.003	13.778	-0.009
8.573	-C.013	8.583	-0.029	8.601	-0.021	8.620	-0.025	13.801	-0.005	13.818	-0.013	13.839	-0.017	13.867	-0.006
8.635	-C.033	8.653	-0.017	8.667	-0.033	8.682	0.008	13.902	-0.014	13.928	-0.018	13.949	-0.021	13.969	-0.021
8.705	C.008	8.724	0.016	8.739	0.020	8.740	0.012	13.992	0.001	14.014	-0.009	14.035	0.003	14.058	0.015
8.757	C.016	8.774	0.016	8.797	0.004	8.831	-0.020	14.087	0.011	14.109	-0.005	14.140	-0.017	14.155	-0.001
8.869	C.0	8.896	0.0	8.910	-0.020	8.928	0.0	14.176	-0.005	14.204	-0.009	14.226	-0.012	14.252	-0.004
8.960	0.009	8.992	0.013	9.020	0.005	9.029	-0.014	14.285	0.016	14.306	0.016	14.322	0.016	14.340	0.012
9.047	C.010	9.065	0.010	9.088	0.006	9.097	0.002	14.363	0.016	14.387	0.020	14.413	0.016	14.435	0.021
9.111	0.002	9.125	-0.001	9.143	0.003	9.157	0.003	14.456	0.025	14.472	0.017	14.505	0.021	14.531	0.025
9.176	C.011	9.204	0.012	9.219	0.004	9.237	-0.008	14.557	0.013	14.581	0.017	14.596	0.017	14.623	0.013
9.245	0.008	9.263	0.004	9.281	0.020	9.296	0.013	14.648	0.018	14.669	-0.006	14.659	0.006	14.669	0.014
9.311	0.021	9.329	0.021	9.347	0.021	9.365	0.029	14.682	-0.006	14.703	0.013	14.719	0.013	14.732	0.009
9.394	C.014	9.425	0.014	9.461	0.014	9.478	-0.005	14.741	0.013	14.754	0.005	14.763	0.0	14.785	0.0
9.479	-0.005	9.510	-0.009	9.525	-0.009	9.540	-0.009	14.804	-0.008	14.824	-0.005	14.845	-0.005	14.867	-0.009
9.546	-C.001	9.564	0.007	9.582	0.007	9.597	0.007	14.890	-0.010	14.909	-0.006	14.930	0.002	14.948	-0.011
9.612	0.019	9.628	0.007	9.643	0.007	9.664	-0.009	14.950	-0.011	14.959	-0.003	14.975	0.002	14.987	0.005
9.677	-0.001	9.708	0.003	9.729	-0.009	9.754	0.007	15.011	0.025	15.032	0.020	15.071	0.004	15.097	0.0
9.777	-C.011	9.795	0.037	9.819	0.007	9.832	0.015	15.121	-0.005	15.150	-0.005	15.176	-0.005	15.202	0.002
9.847	C.011	9.864	0.023	9.887	0.011	9.911	-0.001	15.226	-0.010	15.252	-0.010	15.288	-0.003	15.315	-0.003
9.927	C.011	9.953	-0.001	9.966	-0.005	9.979	-0.001	15.344	-0.007	15.374	-0.016	15.403	0.004	15.439	-0.004
10.002	-0.013	10.018	-0.001	10.031	0.007	10.053	-0.010	15.471	-0.004	15.512	-0.004	15.557	-0.008	15.604	0.004
10.076	C.006	10.096	0.014	10.110	0.010	10.129	-0.002	15.648	0.004	15.689	0.016	15.733	0.0	15.772	0.008
10.155	-0.006	10.176	-0.002	10.202	-0.038	10.218	-0.002	15.817	-0.004	15.863	-0.012	15.923	-0.007	15.973	-0.007
10.239	-C.010	10.272	-0.022	10.293	0.009	10.325	-0.003	16.020	-0.011	16.077	-0.015	16.142	-0.018	16.199	-0.010
10.351	-0.019	10.363	-0.015	10.387	-0.019	10.415	-0.004	16.251	0.014	16.300	0.007	16.329	0.015	16.363	0.019
10.439	C.0	10.456	0.012	10.477	0.016	10.506	0.016	16.400	0.003	16.418	-0.009	16.437	0.015	16.450	0.024
10.534	C.020	10.560	0.015	10.592	0.015	10.623	0.011	16.467	0.0	16.478	0.008	16.488	0.020	16.497	-0.008
10.657	C.015	10.695	0.014	10.708	0.002	10.736	0.022	16.506	0.016	16.515	0.016	16.527	0.016	16.535	0.004
10.768	0.010	10.801	0.009	10.840	-0.003	10.879	-0.011	16.549	0.008	16.554	0.0	16.569	0.008	16.585	0.004
10.897	-0.011	10.933	-0.011	10.956	0.005	10.980	0.001	16.603	0.008	16.621	0.012	16.634	-0.008	16.660	0.001
11.006	0.002	11.061	0.010	11.086	-0.001	11.117	-0.001	16.679	-0.007	16.695	-0.007	16.718	-0.011	16.742	-0.031
11.142	-C.013	11.182	-0.012	11.220	-0.016	11.258	0.025	16.764	-0.015	16.788	-0.007	16.824	0.009	16.843	0.018
11.295	C.017	11.325	0.005	11.354	0.017	11.394	0.009	16.861	0.002	16.871	-0.002	16.893	0.002	16.908	0.010
11.434	C.008	11.467	0.017	11.500	0.013	11.539	0.024	16.926	0.002	16.936	-0.002	16.963	0.010	16.986	0.030
11.561	C.001	11.586	0.003	11.612	0.003	11.632	0.022	17.005	0.022	17.025	0.010	17.054	0.022	17.083	0.006
11.650	0.002	11.673	-0.015	11.700	-0.003	11.728	0.008	17.114	0.026	17.135	0.018	17.156	0.002	17.194	0.006
11.753	C.004	11.787	0.003	11.815	0.006	11.846	0.030	17.220	0.002	17.243	-0.006	17.293	-0.006	17.319	-0.002
11.882	C.038	11.912	0.034	11.943	0.018	11.974	-0.007	17.367	-0.002	17.397	-0.010	17.432	-0.006	17.502	-0.006
12.013	-C.003	12.064	0.001	12.101	0.005	12.139	-0.011	17.540	0.002	17.575	-0.006	17.635	0.015	17.653	0.007
12.174	-C.003	12.197	0.005	12.232	-0.003	12.261	0.005	17.670	0.007	17.687	0.011	17.709	0.015	17.731	0.019
12.290	-0.003	12.318	0.005	12.342	0.013	12.366	0.005	17.785	0.027	17.813	0.011	17.844	-0.009	17.904	0.003
12.373	-C.007	12.386	0.005	12.400	0.017	12.437	0.016	17.951	-0.005	18.002	-0.017	18.024	0.008	18.039	0.024
12.469	0.004	12.502	0.008	12.548	0.016	12.574	0.024	18.063	0.032	18.130	0.028	18.133	0.028	18.163	0.020
12.576	C.012	12.600	0.012	12.637	0.008	12.676	0.004	18.189	0.020	18.216	0.016	18.260	0.020	18.287	0.012
12.686	-C.017	12.687	-0.017	12.711	-0.001	12.729	-0.013	18.340	0.016	18.380	0.004	18.406	0.028	18.457	0.029
12.747	C.003	12.769	-0.002	12.789	-0.014	12.803	-0.014	18.478	0.021	18.509	0.001	18.537	-0.015	18.573	-0.015

18.613	-0.007	18.639	0.025	18.680	0.033	18.708	0.029	23.054	-0.019	23.128	-0.015	23.161	-0.035	23.188	-0.011
18.723	0.029	18.747	0.025	18.757	0.025	18.772	0.017	23.207	-0.007	23.229	-0.018	23.252	-0.022	23.273	-0.042
18.790	0.029	18.806	0.013	18.818	0.017	18.838	0.017	23.285	-0.030	23.301	-0.030	23.315	-0.026	23.346	-0.010
18.863	0.005	18.879	0.021	18.904	0.021	18.917	0.001	23.351	-0.006	23.366	-0.010	23.391	-0.006	23.424	0.014
18.940	0.017	18.962	0.013	18.978	0.029	18.998	0.025	23.444	0.007	23.472	0.003	23.494	-0.001	23.512	0.007
19.016	0.013	19.030	0.005	19.046	-0.003	19.064	-0.011	23.547	-0.007	23.570	-0.005	23.597	0.002	23.612	0.034
19.083	0.009	19.104	0.001	19.122	0.005	19.141	0.017	23.614	0.030	23.639	0.022	23.660	0.042	23.685	0.030
19.155	0.029	19.175	0.005	19.195	0.013	19.213	0.009	23.700	0.029	23.713	0.029	23.737	0.013	23.776	0.001
19.241	-0.003	19.255	-0.003	19.273	0.005	19.281	0.033	23.810	0.008	23.841	0.004	23.856	-0.004	23.857	-0.008
19.298	0.001	19.326	-0.011	19.347	0.001	19.360	-0.003	23.884	0.0	23.903	0.020	23.925	0.019	23.954	0.007
19.375	-0.015	19.393	-0.011	19.417	-0.015	19.436	-0.035	23.980	-0.009	23.999	-0.037	24.028	-0.037	24.058	-0.021
19.471	-0.023	19.486	0.001	19.511	0.005	19.534	0.005	24.090	-0.029	24.113	-0.021	24.133	-0.017	24.159	-0.013
19.558	-0.003	19.577	-0.011	19.593	-0.027	19.623	-0.019	24.173	0.003	24.191	0.006	24.207	0.010	24.227	0.002
19.643	-0.019	19.659	-0.011	19.702	-0.007	19.722	0.001	24.243	-0.010	24.265	0.006	24.279	0.006	24.292	0.006
19.745	0.009	19.775	0.009	19.798	0.013	19.829	-0.003	24.311	-0.010	24.322	-0.014	24.330	0.002	24.338	0.002
19.865	0.005	19.890	-0.015	19.903	0.013	19.926	0.005	24.349	-0.002	24.374	0.002	24.390	0.006	24.395	0.006
19.955	0.006	19.993	0.006	20.024	-0.010	20.052	0.010	24.414	0.011	24.435	0.027	24.461	0.031	24.487	0.023
20.060	-0.002	20.083	-0.002	20.105	-0.006	20.126	-0.009	24.506	0.020	24.535	0.032	24.563	0.032	24.588	0.041
20.151	0.003	20.175	-0.001	20.177	-0.001	20.190	0.001	24.618	0.057	24.642	0.070	24.672	0.054	24.703	0.046
20.192	0.015	20.208	0.015	20.221	0.003	20.241	0.007	24.726	0.043	24.748	0.043	24.769	0.027	24.795	0.027
20.244	0.007	20.257	-0.005	20.270	0.007	20.297	0.008	24.826	0.024	24.850	0.020	24.886	0.013	24.923	0.009
20.306	0.008	20.308	0.008	20.321	0.0	20.334	0.012	24.938	-0.007	24.951	-0.011	24.964	-0.011	24.981	-0.003
20.352	-0.020	20.367	-0.016	20.382	-0.024	20.406	-0.020	24.994	0.001	25.014	0.008	25.027	0.028	25.053	0.012
20.428	-0.012	20.450	-0.008	20.459	0.008	20.460	0.008	25.067	0.0	25.100	-0.017	25.122	-0.009	25.151	-0.001
20.477	0.009	20.490	0.009	20.498	0.009	20.516	0.001	25.163	0.007	25.189	0.007	25.215	0.002	25.250	-0.002
20.531	-0.011	20.544	-0.007	20.568	-0.019	20.563	-0.015	25.268	-0.027	25.300	-0.045	25.344	-0.039	25.364	-0.012
20.637	-0.011	20.655	-0.006	20.673	0.022	20.683	0.034	25.378	-0.017	25.414	-0.019	25.444	-0.013	25.465	-0.010
20.716	0.046	20.735	0.042	20.752	0.046	20.778	0.034	25.497	-0.015	25.528	-0.024	25.543	-0.008	25.562	-0.012
20.793	0.058	20.814	0.030	20.843	0.035	20.845	0.035	25.593	0.011	25.611	0.006	25.639	-0.007	25.640	-0.007
20.858	0.023	20.873	0.011	20.891	0.011	20.908	-0.001	25.654	-0.019	25.673	-0.007	25.691	-0.007	25.709	-0.002
20.933	-0.009	20.949	0.003	20.967	0.007	20.988	0.015	25.722	0.002	25.748	0.003	25.771	-0.004	25.798	0.005
21.003	0.027	21.023	0.035	21.037	0.035	21.054	0.036	25.820	-0.030	25.852	-0.017	25.877	-0.004	25.905	-0.015
21.055	0.032	21.070	0.024	21.085	0.012	21.108	0.008	25.931	0.002	25.963	-0.001	25.991	-0.008	26.022	-0.007
21.127	0.0	21.150	-0.012	21.173	-0.020	21.196	-0.012	26.050	-0.002	26.081	-0.009	26.109	-0.012	26.142	-0.019
21.219	0.012	21.243	-0.008	21.268	-0.008	21.287	-0.016	26.169	-0.038	26.187	-0.025	26.215	-0.028	26.240	-0.044
21.302	0.0	21.317	-0.016	21.336	-0.024	21.354	-0.036	26.258	-0.020	26.286	-0.032	26.297	-0.015	26.325	-0.003
21.356	-0.036	21.374	-0.036	21.389	-0.043	21.390	-0.043	26.345	-0.007	26.361	-0.007	26.386	-0.019	26.411	0.001
21.412	-0.039	21.444	-0.027	21.469	-0.019	21.485	-0.007	26.420	0.013	26.447	0.017	26.471	0.030	26.498	0.034
21.505	-0.003	21.525	0.021	21.547	0.021	21.574	0.013	26.521	0.030	26.541	0.034	26.567	0.026	26.590	0.010
21.558	0.005	21.624	0.013	21.649	0.006	21.672	0.022	26.615	0.019	26.648	0.003	26.649	-0.005	26.669	-0.017
21.700	0.038	21.718	0.042	21.739	0.050	21.767	0.054	26.697	-0.017	26.728	0.0	26.751	0.0	26.784	0.013
21.865	0.018	21.884	0.022	21.906	0.026	21.922	0.014	26.811	0.017	26.834	0.010	26.870	-0.009	26.903	0.019
21.943	0.010	21.961	0.001	21.981	-0.011	22.008	-0.011	26.926	0.016	26.952	0.004	26.989	-0.008	27.012	0.009
22.031	-0.020	22.053	-0.008	22.075	0.004	22.089	0.023	27.031	0.021	27.051	0.037	27.081	0.045	27.102	0.045
22.115	0.019	22.133	0.007	22.155	0.018	22.175	0.022	27.127	0.001	27.149	-0.015	27.201	-0.023	27.247	-0.027
22.201	0.018	22.222	0.009	22.242	0.021	22.257	0.021	27.292	-0.023	27.338	-0.027	27.368	-0.015	27.437	-0.006
22.271	-0.008	22.284	0.017	22.299	0.012	22.314	0.004	27.491	-0.016	27.536	0.023	27.564	0.027	27.607	0.011
22.330	-0.008	22.368	-0.017	22.390	-0.009	22.412	-0.017	27.653	0.022	27.689	0.014	27.762	-0.039	27.875	-0.019
22.436	-0.033	22.457	-0.025	22.492	-0.021	22.503	-0.013	27.952	-0.015	28.009	-0.011	28.039	0.013	28.076	-0.003
22.524	-0.008	22.549	0.004	22.570	-0.004	22.594	0.0	28.098	0.005	28.103	0.001	28.109	0.001	28.134	-0.007
22.627	0.013	22.647	0.037	22.666	0.005	22.689	0.001	28.165	-0.014	28.188	-0.022	28.212	-0.034	28.232	-0.042
22.702	-0.007	22.722	-0.027	22.744	-0.035	22.771	-0.030	28.253	-0.038	28.276	-0.030	28.302	-0.025	28.330	-0.009
22.793	-0.002	22.818	0.026	22.849	0.023	22.864	0.011	28.348	-0.001	28.370	0.003	28.401	0.008	28.427	0.008
22.852	0.003	22.891	-0.005	22.935	-0.017	22.960	-0.025	28.454	0.012	28.470	0.020	28.495	0.020	28.533	0.013
22.988	-0.028	23.014	-0.024	23.034	-0.020	23.057	-0.012	28.561	0.013	28.577	0.017	28.600	0.021	28.622	0.029
								28.642	0.029	28.680	0.030	28.694	0.018	28.726	0.010

28.750	0.006	28.778	-0.002	28.810	-0.010	28.826	-0.018	34.524	-0.026	34.550	-0.026	34.576	-0.026	34.599	-0.030
28.845	-0.017	28.871	-0.013	28.899	-0.009	28.923	-0.009	34.628	-0.026	34.659	-0.018	34.692	-0.017	34.724	-0.013
28.956	-0.009	28.979	-0.017	29.004	-0.017	29.030	-0.016	34.764	-0.001	34.793	-0.001	34.816	-0.003	34.852	-0.015
29.059	-0.016	29.080	-0.012	29.117	-0.004	29.142	-0.004	34.876	0.023	34.903	0.027	34.940	0.031	34.967	0.035
29.163	C.0	29.188	0.004	29.208	-0.008	29.236	-0.007	34.986	0.035	35.008	0.036	35.030	0.032	35.055	0.036
29.259	-0.015	29.283	-0.024	29.309	-0.023	29.329	-0.031	35.080	0.032	35.104	0.032	35.130	0.024	35.148	0.012
29.354	-0.031	29.372	-0.027	29.395	-0.023	29.413	-0.015	35.171	0.012	35.191	0.012	35.217	0.008	35.237	0.0
29.430	-0.003	29.448	0.010	29.470	0.014	29.488	0.018	35.255	-0.012	35.276	-0.020	35.297	-0.032	35.322	-0.040
29.513	C.030	29.539	0.034	29.559	0.038	29.580	0.038	35.342	-0.040	35.361	-0.036	35.384	-0.036	35.412	-0.028
29.600	0.042	29.623	0.030	29.646	0.050	29.668	0.043	35.435	-0.020	35.465	-0.016	35.488	-0.012	35.511	0.0
29.694	C.035	29.718	0.027	29.739	0.027	29.759	0.023	35.539	0.004	35.573	0.020	35.598	0.032	35.623	0.036
29.779	0.011	29.799	0.011	29.820	0.003	29.840	0.003	35.646	0.028	35.668	0.024	35.696	0.015	35.724	0.007
29.861	-0.005	29.884	-0.017	29.902	-0.017	29.925	-0.017	35.742	0.007	35.769	-0.001	35.797	-0.009	35.836	-0.013
29.948	-0.025	29.967	-0.009	29.990	-0.009	30.013	-0.005	35.861	-0.013	35.902	-0.017	35.934	-0.017	35.968	-0.013
30.052	-0.005	30.070	-0.009	30.105	-0.013	30.131	-0.009	35.998	-0.017	36.019	-0.021	36.054	-0.021	36.079	-0.021
30.169	-0.009	30.211	-0.013	30.245	-0.008	30.277	-0.004	36.107	-0.013	36.137	-0.005	36.173	-0.005	36.199	-0.005
30.303	-0.008	30.332	-0.012	30.358	-0.008	30.386	-0.004	36.229	-0.001	36.251	-0.002	36.282	-0.002	36.312	0.006
30.408	C.0	30.438	0.0	30.465	0.0	30.490	0.004	36.350	0.010	36.384	0.014	36.424	0.014	36.452	0.010
30.517	C.012	30.543	0.012	30.569	0.016	30.595	0.012	36.485	0.018	36.505	0.026	36.537	0.030	36.556	0.030
30.621	C.008	30.642	0.012	30.666	0.012	30.691	0.004	36.580	0.030	36.603	0.022	36.629	0.026	36.654	0.026
30.717	C.008	30.748	0.020	30.770	0.024	30.791	0.020	36.687	0.010	36.708	0.002	36.732	-0.003	36.755	-0.003
30.816	C.008	30.835	-0.004	30.856	-0.012	30.881	-0.020	36.760	-0.007	36.808	-0.003	36.847	-0.011	36.881	-0.015
30.900	-0.024	30.926	-0.028	30.952	-0.032	30.973	-0.029	36.919	-0.015	36.950	-0.019	36.975	-0.015	37.004	-0.015
30.996	-0.029	31.020	-0.029	31.048	-0.037	31.080	-0.037	37.036	-0.015	37.060	-0.016	37.093	-0.012	37.119	-0.012
31.121	-0.021	31.159	-0.013	31.203	-0.005	31.218	-0.005	37.147	-0.008	37.177	-0.013	37.199	-0.005	37.222	0.003
31.244	-0.013	31.283	-0.013	31.318	-0.013	31.361	-0.005	37.252	0.003	37.277	0.015	37.306	0.018	37.334	0.026
31.387	C.003	31.423	0.019	31.458	0.011	31.483	0.019	37.371	0.030	37.391	0.022	37.422	0.014	37.454	0.005
31.512	C.015	31.537	0.019	31.558	0.027	31.585	0.023	37.480	0.005	37.511	0.005	37.560	0.009	37.604	0.001
31.610	C.023	31.634	0.019	31.657	0.011	31.685	0.009	37.661	0.0	37.690	0.0	37.730	0.0	37.760	0.0
31.711	-0.001	31.743	-0.005	31.768	-0.013	31.795	-0.003	37.793	0.0	37.832	-0.004	37.871	-0.004	37.912	-0.004
31.823	-0.017	31.854	-0.017	31.879	-0.021	31.915	-0.021	37.935	0.0	37.970	0.012	37.996	0.016	38.027	0.020
31.961	-0.017	31.997	-0.021	32.038	-0.021	32.090	-0.025	38.065	0.016	38.097	0.008	38.125	0.0	38.159	-0.004
32.126	-0.025	32.169	-0.021	32.211	-0.013	32.254	-0.004	38.187	0.0	38.221	-0.004	38.250	0.0	38.279	-0.012
32.281	C.0	32.303	0.004	32.339	0.004	32.360	0.008	38.310	-0.008	38.344	-0.013	38.373	-0.013	38.411	-0.013
32.394	C.013	32.433	0.017	32.464	0.025	32.497	0.021	38.442	-0.025	38.468	-0.017	38.500	-0.017	38.526	-0.013
32.523	C.022	32.549	0.022	32.582	0.010	32.608	0.002	38.554	-0.005	38.580	0.007	38.606	0.007	38.636	0.007
32.636	-0.010	32.662	-0.010	32.693	-0.001	32.719	-0.005	38.669	0.002	38.695	0.006	38.727	0.010	38.750	0.014
32.751	-0.005	32.782	-0.001	32.804	0.003	32.828	-0.001	38.794	0.014	38.833	0.013	38.879	0.013	38.928	0.013
32.854	-0.005	32.884	-0.004	32.912	0.0	32.945	0.0	38.960	0.017	38.989	0.020	39.024	0.016	39.058	0.008
32.972	C.0	32.995	-0.008	33.018	-0.012	33.045	-0.016	39.095	0.008	39.137	-0.001	39.192	-0.001	39.240	-0.001
33.071	-0.016	33.090	-0.015	33.112	-0.011	33.136	-0.011	39.262	-0.010	39.329	-0.006	39.371	-0.014	39.415	-0.010
33.158	-0.015	33.184	-0.019	33.210	-0.023	33.231	-0.031	39.444	-0.010	39.492	-0.006	39.523	-0.006	39.567	-0.006
33.261	-0.027	33.287	-0.027	33.310	-0.026	33.335	-0.026	39.614	0.006	39.648	0.006	39.692	0.002	39.732	0.001
33.358	-0.026	33.379	-0.026	33.399	-0.026	33.421	-0.026	39.768	0.001	39.804	0.005	39.838	0.005	39.870	0.005
33.439	-0.030	33.459	-0.034	33.480	-0.038	33.503	-0.042	39.901	0.001	39.933	-0.003	39.966	-0.010	39.999	-0.010
33.525	-0.034	33.551	-0.030	33.574	-0.022	33.599	-0.010	40.027	-0.018	40.060	-0.022	40.088	-0.022	40.119	-0.026
33.613	-0.006	33.640	-0.003	33.662	0.001	33.688	0.001	40.156	-0.018	40.189	-0.018	40.225	-0.021	40.265	-0.025
33.713	C.000	33.738	0.009	33.758	0.009	33.777	0.017	40.303	-0.025	40.336	-0.025	40.366	-0.017	40.404	-0.021
33.797	C.029	33.822	0.033	33.843	0.037	33.868	0.041	40.444	-0.017	40.482	-0.017	40.522	-0.017	40.565	-0.009
33.884	0.041	33.909	0.037	33.928	0.029	33.955	0.021	40.593	-0.001	40.633	0.003	40.671	0.007	40.707	0.015
33.974	C.005	33.999	0.009	34.027	0.001	34.040	0.001	40.745	0.019	40.782	0.015	40.813	0.015	40.841	0.019
34.060	C.005	34.081	0.005	34.104	0.013	34.123	0.013	40.874	0.015	40.906	0.015	40.939	0.011	40.968	0.003
34.145	C.009	34.159	0.001	34.181	-0.007	34.202	-0.015	41.000	-0.001	41.031	-0.001	41.063	-0.001	41.091	-0.005
34.223	-0.015	34.245	-0.019	34.266	-0.023	34.290	-0.031	41.122	-0.009	41.160	-0.009	41.193	-0.009	41.227	-0.013
34.313	-0.035	34.339	-0.035	34.361	-0.031	34.388	-0.039	41.260	-0.009	41.288	-0.013	41.324	-0.017	41.358	-0.013
34.413	-0.031	34.441	-0.031	34.468	-0.030	34.498	-0.026	41.395	-0.005	41.423	-0.005	41.457	-0.005	41.483	-0.005

41.519	-0.005	41.553	-0.001	41.592	-0.005	41.629	-0.010	53.406	0.020	53.431	0.008	53.458	0.004	53.487	0.004
41.665	-0.010	41.704	-0.010	41.739	-0.014	41.775	-0.006	53.509	-0.004	53.533	-0.008	53.562	-0.004	53.585	0.004
41.809	-0.006	41.839	-0.006	41.866	-0.002	41.896	0.002	53.609	0.008	53.634	0.008	53.672	0.008	53.698	0.008
41.928	-0.002	41.966	-0.002	41.996	-0.002	42.036	0.002	53.721	0.004	53.748	0.004	53.767	0.0	53.791	0.0
42.068	-0.002	42.099	-0.006	42.130	-0.006	42.164	0.006	53.814	0.0	53.830	-0.012	53.848	-0.008	53.870	-0.008
42.157	-0.006	42.229	-0.010	42.262	-0.009	42.294	-0.009	53.889	-0.004	53.917	0.0				
42.332	-0.003	42.368	0.007	42.406	0.007	42.437	0.011								
42.478	0.015	42.515	0.007	42.556	0.007	42.597	0.003								
42.640	-0.001	42.684	-0.004	42.718	0.0	42.751	0.004								
42.787	0.008	42.820	0.008	42.851	0.008	42.882	0.004								
42.915	0.004	42.950	0.005	43.027	0.005	43.113	0.005								
43.188	-0.006	43.257	-0.010	43.311	-0.018	43.351	-0.017								
43.384	-0.017	43.434	-0.021	43.472	-0.021	43.516	-0.020								
43.566	-0.020	43.618	-0.012	43.658	0.0	43.718	0.009								
43.772	0.021	43.823	0.029	43.854	0.034	43.946	0.022								
44.003	0.014	44.075	0.006	44.126	-0.001	44.190	-0.013								
44.253	-0.017	44.306	-0.017	44.365	-0.016	44.430	-0.012								
44.511	-0.008	44.615	-0.003	44.756	-0.006	44.840	0.006								
44.925	-0.010	44.998	0.018	45.082	0.010	45.140	-0.005								
45.221	-0.013	45.289	-0.001	45.361	0.003	45.431	0.011								
45.456	0.019	45.568	0.032	45.630	0.024	45.707	0.004								
45.783	-0.004	45.842	-0.012	45.897	-0.003	45.960	-0.004								
46.035	-0.004	46.101	0.005	46.142	0.013	46.194	0.017								
46.260	0.009	46.368	0.013	46.479	0.009	46.573	0.005								
46.647	0.002	46.732	-0.010	46.774	-0.014	46.843	-0.022								
46.917	-0.014	46.999	-0.010	47.041	-0.014	47.092	-0.014								
47.150	-0.013	47.189	-0.009	47.247	-0.001	47.308	0.003								
47.368	0.007	47.427	0.007	47.466	0.008	47.503	0.008								
47.551	0.008	47.601	0.012	47.661	0.004	47.712	-0.007								
47.762	-0.003	47.801	-0.015	47.833	-0.007	47.873	-0.011								
47.917	-0.015	47.958	-0.014	48.004	-0.022	48.043	-0.018								
48.094	-0.014	48.129	-0.010	48.160	-0.017	48.190	-0.005								
48.218	-0.009	48.252	-0.001	48.287	0.003	48.320	0.007								
48.354	0.012	48.388	0.012	48.426	0.012	48.454	0.016								
48.485	0.004	48.515	0.009	48.547	0.005	48.578	-0.003								
48.615	-0.007	48.651	-0.011	48.679	-0.010	48.716	-0.010								
48.752	-0.014	48.790	-0.014	48.822	-0.014	48.870	-0.009								
48.939	-0.005	49.013	-0.004	49.122	-0.004	49.223	0.005								
49.321	0.005	49.387	0.005	49.451	0.009	49.532	0.010								
49.551	0.014	49.671	0.022	49.725	0.018	49.786	0.010								
49.870	0.010	49.960	0.006	50.043	0.006	50.125	-0.002								
50.192	-0.010	50.242	-0.013	50.258	-0.022	50.348	-0.022								
50.403	-0.014	50.453	-0.006	50.497	-0.006	50.544	0.002								
50.603	0.002	50.666	0.005	50.726	0.005	50.797	-0.003								
50.871	-0.003	50.933	-0.011	50.994	-0.007	51.047	-0.003								
51.117	-0.003	51.194	-0.004	51.268	0.0	51.386	0.0								
51.488	0.004	51.589	0.0	51.653	0.0	51.749	-0.004								
51.859	-0.008	51.940	-0.012	52.017	-0.008	52.084	-0.008								
52.140	0.0	52.177	0.004	52.232	0.008	52.294	0.008								
52.351	0.008	52.397	0.016	52.462	0.016	52.514	0.012								
52.568	0.008	52.634	0.0	52.698	0.004	52.813	0.004								
52.642	0.0	52.874	-0.008	52.909	-0.008	52.939	-0.012								
52.578	-0.016	52.998	-0.020	53.029	-0.020	53.063	-0.016								
53.081	-0.008	53.098	0.0	53.120	0.004	53.145	0.004								
53.170	0.004	53.209	0.0	53.237	0.008	53.258	0.008								
53.286	0.008	53.314	0.004	53.347	0.004	53.376	0.016								

1Y376

68.104 4/8/68 1830PST PASADENA - FACULTY CLUB

SOUTH

2205 POINTS 60.316 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0189 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.001	0.037	0.006	0.110	0.004	0.138	0.006	5.401	0.003	5.428	0.008	5.465	0.006	5.498	0.003				
0.165	0.001	0.190	-0.003	0.211	-0.008	0.229	-0.008	5.547	0.004	5.602	0.004	5.648	-0.001	5.697	-0.003				
0.251	-0.008	0.284	0.003	0.300	0.001	0.333	0.003	5.718	-0.001	5.743	-0.010	5.767	-0.013	5.788	-0.019				
0.358	0.001	0.370	-0.001	0.394	0.001	0.416	0.004	5.813	-0.020	5.865	-0.008	5.904	-0.008	5.953	-0.010				
0.434	0.003	0.456	-0.001	0.474	0.004	0.483	0.006	5.969	-0.006	6.027	0.013	6.072	0.013	6.097	0.019				
0.504	0.006	0.523	0.004	0.548	0.001	0.566	-0.006	6.127	0.017	6.154	0.006	6.203	0.003	6.243	-0.004				
0.579	-0.010	0.603	-0.012	0.628	-0.003	0.656	-0.001	6.285	-0.003	6.310	-0.006	6.346	-0.001	6.389	-0.003				
0.659	-0.004	0.671	-0.004	0.680	-0.006	0.714	0.006	6.413	-0.004	6.441	-0.008	6.483	-0.006	6.511	-0.003				
0.730	-0.008	0.751	-0.010	0.773	-0.013	0.788	-0.013	6.523	-0.001	6.557	-0.001	6.579	0.001	6.603	-0.003				
0.822	-0.010	0.838	-0.010	0.853	-0.013	0.866	-0.015	6.644	-0.003	6.671	0.003	6.702	0.006	6.721	0.008				
0.887	-0.019	0.909	-0.010	0.943	-0.004	0.971	-0.004	6.742	0.008	6.783	0.010	6.801	0.010	6.838	0.006				
0.992	-0.010	1.020	-0.012	1.066	-0.004	1.085	-0.003	6.869	-0.001	6.916	0.003	6.956	-0.005	6.987	-0.007				
1.100	-0.001	1.122	0.004	1.140	0.008	1.165	0.013	7.024	-0.001	7.036	-0.001	7.074	0.000	7.114	-0.003				
1.174	0.017	1.183	0.017	1.196	0.017	1.217	0.017	7.149	0.000	7.183	0.005	7.208	-0.002	7.242	-0.002				
1.233	0.015	1.251	0.006	1.260	0.003	1.285	0.001	7.274	-0.009	7.302	-0.008	7.317	-0.008	7.364	-0.008				
1.297	-0.001	1.313	-0.003	1.353	0.004	1.377	-0.001	7.392	-0.006	7.423	-0.005	7.461	-0.001	7.489	0.002				
1.390	-0.006	1.424	-0.006	1.445	-0.001	1.467	-0.003	7.498	0.002	7.526	-0.001	7.551	-0.005	7.581	-0.007				
1.482	-0.004	1.522	-0.010	1.556	-0.013	1.574	-0.013	7.609	-0.005	7.618	-0.002	7.658	-0.002	7.683	-0.007				
1.608	-0.003	1.650	-0.006	1.672	-0.001	1.693	0.004	7.698	-0.011	7.726	-0.007	7.756	-0.004	7.763	-0.000				
1.730	0.001	1.779	0.001	1.803	-0.003	1.852	-0.001	7.793	-0.013	7.830	-0.009	7.864	-0.002	7.932	0.008				
1.901	0.001	1.929	0.004	1.941	0.006	1.965	0.006	7.968	0.003	8.018	0.003	8.058	0.006	8.129	-0.001				
2.002	0.001	2.039	-0.005	2.054	-0.008	2.057	-0.010	8.179	0.003	8.194	0.003	8.250	0.002	8.287	0.001				
2.100	-0.014	2.155	0.000	2.192	0.007	2.232	0.011	8.302	-0.003	8.330	-0.007	8.383	-0.009	8.429	-0.007				
2.277	0.009	2.305	0.001	2.342	0.014	2.384	0.013	8.473	-0.005	8.491	0.000	8.522	0.005	8.557	0.010				
2.403	0.010	2.485	0.009	2.522	0.004	2.544	-0.002	8.613	0.014	8.641	0.014	8.685	0.008	8.707	0.006				
2.605	-0.009	2.648	-0.013	2.688	-0.011	2.743	-0.002	8.738	0.001	8.763	-0.005	8.801	-0.003	8.813	-0.003				
2.808	-0.013	2.866	-0.002	2.900	-0.002	2.965	-0.004	8.847	-0.007	8.885	-0.013	8.922	-0.016	8.951	-0.016				
3.026	-0.001	3.050	0.005	3.110	0.010	3.134	0.010	8.988	-0.009	9.004	-0.002	9.034	-0.004	9.062	-0.003				
3.185	0.004	3.234	0.001	3.297	-0.001	3.366	-0.006	9.096	0.000	9.124	0.008	9.157	0.010	9.191	0.012				
3.412	-0.013	3.463	0.008	3.517	-0.003	3.560	0.006	9.231	0.012	9.262	0.012	9.320	0.006	9.366	-0.001				
3.620	-0.001	3.674	0.002	3.738	0.004	3.777	0.000	9.412	-0.003	9.455	-0.006	9.483	-0.008	9.517	-0.013				
3.816	-0.005	3.883	-0.007	3.931	0.001	3.970	0.005	9.554	-0.020	9.613	-0.013	9.663	-0.008	9.709	-0.008				
4.013	0.007	4.044	0.005	4.093	-0.002	4.130	-0.006	9.738	-0.006	9.787	-0.008	9.836	-0.004	9.864	-0.001				
4.176	-0.003	4.222	-0.005	4.253	-0.008	4.296	-0.005	9.932	-0.002	10.007	-0.001	10.041	0.003	10.073	0.007				
4.348	-0.008	4.398	-0.012	4.422	-0.019	4.471	-0.012	10.110	0.001	10.151	-0.008	10.176	-0.013	10.220	-0.017				
4.520	-0.007	4.557	-0.011	4.597	0.018	4.642	0.013	10.251	-0.002	10.276	-0.006	10.311	-0.008	10.339	-0.008				
4.688	-0.006	4.749	0.005	4.789	0.005	4.838	0.003	10.380	-0.002	10.405	0.003	10.452	0.012	10.455	0.012				
4.899	-0.004	4.947	0.005	4.981	0.006	5.027	-0.003	10.483	0.014	10.533	0.005	10.567	0.003	10.604	0.001				
5.066	-0.013	5.112	-0.006	5.139	-0.013	5.179	-0.020	10.637	0.001	10.686	0.006	10.711	0.009	10.763	-0.003				
5.188	-0.020	5.246	-0.008	5.310	-0.012	5.352	-0.003	10.769	-0.003	10.816	-0.005	10.877	0.002	10.886	0.003				

10.954	0.002	10.994	0.005	11.033	0.005	11.076	0.003	18.025	0.039	18.046	0.042	18.064	0.049	18.095	0.056
11.121	0.006	11.161	0.005	11.204	0.001	11.252	0.001	18.119	0.049	18.156	0.040	18.177	0.035	18.204	0.035
11.286	-0.006	11.325	-0.010	11.359	-0.004	11.428	-0.002	18.235	0.049	18.262	0.059	18.265	0.059	18.292	0.068
11.477	0.001	11.541	-0.000	11.584	-0.000	11.633	0.001	18.323	0.072	18.341	0.070	18.371	0.065	18.381	0.061
11.651	0.007	11.710	0.003	11.759	0.005	11.808	0.007	18.405	0.059	18.417	0.047	18.429	0.038	18.441	0.032
11.835	0.003	11.866	0.001	11.915	-0.004	11.939	-0.004	18.447	0.032	18.477	0.039	18.530	0.050	18.551	0.055
11.967	-0.011	11.995	-0.015	12.025	-0.015	12.077	-0.008	18.566	0.058	18.591	0.051	18.637	0.037	18.655	0.031
12.099	-0.004	12.138	0.001	12.184	0.004	12.221	0.009	18.673	0.028	18.704	0.035	18.722	0.038	18.746	0.049
12.254	0.016	12.310	0.018	12.352	0.009	12.380	0.007	18.749	0.050	18.774	0.055	18.792	0.059	18.804	0.059
12.420	0.005	12.447	0.007	12.475	0.016	12.508	0.010	18.826	0.062	18.847	0.053	18.862	0.048	18.887	0.039
12.533	0.005	12.569	0.005	12.618	0.012	12.649	0.012	18.914	0.028	18.917	0.020	18.930	0.003	18.948	-0.005
12.692	0.001	12.710	-0.001	12.756	-0.006	12.793	-0.004	18.966	-0.001	19.003	-0.002	19.040	-0.014	19.058	-0.023
12.823	-0.004	12.863	-0.008	12.887	-0.012	12.943	-0.010	19.092	-0.015	19.111	-0.011	19.142	0.003	19.182	0.000
12.970	-0.013	12.995	-0.010	13.025	-0.006	13.068	0.004	19.213	-0.004	19.241	-0.006	19.275	0.003	19.299	0.013
13.111	0.008	13.145	0.016	13.176	0.004	13.216	-0.003	19.324	0.026	19.327	0.024	19.346	0.011	19.367	0.008
13.256	0.001	13.292	0.008	13.329	0.013	13.375	0.010	19.398	0.011	19.417	0.017	19.441	0.013	19.463	0.000
13.425	-0.001	13.446	-0.005	13.477	-0.010	13.513	-0.007	19.475	-0.005	19.478	-0.009	19.503	-0.014	19.537	-0.016
13.556	0.002	13.598	-0.003	13.637	-0.010	13.667	-0.009	19.570	-0.001	19.598	0.000	19.622	-0.001	19.638	0.000
13.706	-0.003	13.721	0.000	13.763	0.004	13.793	0.013	19.674	0.002	19.705	0.013	19.742	0.000	19.791	0.000
13.814	0.016	13.859	0.018	13.901	0.014	13.962	0.007	19.806	0.007	19.840	0.016	19.864	0.000	19.877	0.000
14.010	0.011	14.049	0.009	14.088	0.006	14.112	0.004	19.919	-0.009	19.978	-0.006	20.024	0.008	20.054	0.023
14.177	0.004	14.234	0.013	14.297	0.010	14.357	0.008	20.088	0.035	20.110	0.040	20.147	0.043	20.174	0.036
14.393	0.004	14.453	0.008	14.489	0.006	14.513	0.004	20.211	0.025	20.236	0.030	20.273	0.029	20.294	0.026
14.537	-0.003	14.574	-0.006	14.620	-0.001	14.672	0.003	20.331	0.020	20.362	0.016	20.411	0.030	20.439	0.036
14.718	-0.006	14.746	-0.010	14.792	-0.017	14.813	-0.020	20.558	-0.036	20.491	0.025	20.519	0.018	20.553	0.005
14.844	-0.017	14.877	-0.008	14.936	-0.013	14.981	-0.010	20.575	-0.002	20.578	-0.002	20.603	-0.013	20.616	-0.026
15.037	-0.015	15.098	-0.006	15.134	-0.006	15.183	-0.003	20.641	-0.037	20.647	-0.040	20.665	-0.048	20.675	-0.053
15.208	0.003	15.244	0.006	15.314	0.006	15.345	0.013	20.681	-0.055	20.718	-0.059	20.753	-0.049	20.774	-0.040
15.403	0.022	15.433	0.028	15.476	0.033	15.510	0.038	20.796	-0.026	20.805	-0.020	20.824	-0.012	20.852	-0.006
15.549	0.031	15.580	0.028	15.620	0.024	15.644	0.026	20.864	-0.005	20.877	0.015	20.889	0.056	20.905	0.033
15.681	0.031	15.699	0.038	15.748	0.040	15.778	0.037	20.914	0.042	20.930	0.049	20.955	0.056	20.980	0.057
15.806	0.029	15.818	0.026	15.839	0.019	15.854	0.015	20.944	0.048	21.020	0.041	21.042	0.029	21.066	0.012
15.870	0.015	15.891	0.010	15.915	0.008	15.949	0.004	21.004	-0.002	21.085	-0.009	21.091	-0.013	21.103	-0.018
15.958	0.008	15.976	0.010	16.004	0.008	16.016	0.006	21.079	-0.002	21.119	-0.027	21.131	-0.031	21.168	-0.020
16.064	0.024	16.072	0.028	16.125	0.037	16.156	0.042	21.211	-0.011	21.230	-0.001	21.242	0.008	21.264	0.015
16.162	0.061	16.186	0.045	16.220	0.051	16.241	0.058	21.279	0.015	21.304	0.013	21.325	0.018	21.329	0.015
16.268	0.061	16.289	0.067	16.308	0.072	16.335	0.074	21.347	0.011	21.375	0.007	21.396	0.004	21.415	0.005
16.356	0.072	16.402	0.050	16.426	0.040	16.451	0.025	21.446	0.005	21.477	0.012	21.483	0.012	21.511	-0.002
16.460	0.022	16.478	0.016	16.484	0.011	16.511	0.007	21.532	-0.013	21.545	-0.020	21.582	-0.031	21.601	-0.035
16.538	0.000	16.544	-0.004	16.556	-0.007	16.565	-0.013	21.637	-0.023	21.660	-0.009	21.675	0.004	21.700	0.009
16.580	-0.016	16.598	-0.022	16.613	-0.025	16.630	-0.031	21.706	0.009	21.731	-0.000	21.737	-0.002	21.762	-0.013
16.645	-0.032	16.675	-0.034	16.699	-0.036	16.723	-0.038	21.777	-0.020	21.824	-0.011	21.846	-0.009	21.873	-0.015
16.750	-0.040	16.776	-0.037	16.800	-0.026	16.827	-0.019	21.892	-0.019	21.908	-0.024	21.932	-0.015	21.970	-0.006
16.851	-0.012	16.878	-0.007	16.917	-0.002	16.964	-0.009	22.010	-0.005	22.044	0.008	22.072	0.013	22.104	0.018
17.003	-0.015	17.030	-0.018	17.060	-0.017	17.108	-0.024	22.138	0.027	22.160	0.032	22.178	0.034	22.219	0.032
17.126	-0.030	17.144	-0.035	17.171	-0.043	17.180	-0.046	22.256	0.037	22.275	0.041	22.303	0.028	22.319	0.010
17.210	-0.057	17.250	-0.056	17.259	-0.052	17.286	-0.040	22.328	0.009	22.344	0.003	22.359	-0.013	22.372	-0.017
17.316	-0.028	17.334	-0.022	17.373	-0.022	17.418	-0.029	22.384	-0.017	22.428	-0.006	22.465	0.002	22.497	0.006
17.445	-0.020	17.469	-0.011	17.490	-0.004	17.493	-0.001	22.521	0.015	22.549	0.023	22.593	0.014	22.611	0.014
17.502	0.001	17.511	0.019	17.539	0.015	17.548	0.016	22.633	0.011	22.655	0.005	22.658	0.003	22.689	0.008
17.569	0.014	17.600	0.005	17.606	-0.000	17.615	-0.004	22.726	0.017	22.760	0.020	22.788	0.024	22.806	0.024
17.655	-0.007	17.692	-0.000	17.725	-0.007	17.744	0.016	22.825	0.031	22.847	0.027	22.868	0.022	22.893	0.013
17.747	0.018	17.765	0.023	17.774	0.023	17.787	0.019	22.915	0.009	22.932	0.010	22.952	0.012	22.980	0.016
17.814	0.009	17.820	0.007	17.839	0.003	17.857	-0.004	23.014	0.021	23.035	0.024	23.048	0.026	23.066	0.026
17.863	-0.004	17.867	0.002	17.903	0.007	17.921	0.014	23.097	0.018	23.116	0.008	23.137	0.004	23.146	-0.001
17.939	0.017	17.955	0.019	17.982	0.026	18.004	0.032	23.171	-0.001	23.205	0.006	23.211	0.006	23.245	0.014

23.270	0.023	23.298	0.027	23.332	0.016	23.353	0.011	27.637	-0.023	27.649	-0.032	27.661	-0.036	27.680	-0.036
23.362	0.005	23.384	-0.000	23.400	-0.007	23.427	-0.011	27.716	-0.032	27.722	-0.032	27.765	-0.031	27.768	-0.031
23.433	-0.011	23.471	0.003	23.495	0.008	23.498	0.008	27.808	-0.029	27.817	-0.026	27.844	-0.024	27.863	-0.022
23.535	0.003	23.550	0.001	23.578	0.004	23.590	0.008	27.875	-0.022	27.887	-0.022	27.905	-0.022	27.936	-0.019
23.602	-0.017	23.611	-0.022	23.620	-0.024	23.642	-0.026	27.966	-0.012	27.975	-0.004	27.985	-0.004	28.012	-0.001
23.672	-0.029	23.684	-0.031	23.724	-0.024	23.742	-0.021	28.037	-0.003	28.067	-0.003	28.077	-0.003	28.107	-0.006
23.773	-0.025	23.812	-0.030	23.843	-0.021	23.861	-0.005	28.129	-0.010	28.153	-0.008	28.163	-0.008	28.193	-0.013
23.879	0.003	23.907	0.008	23.931	0.008	23.950	0.003	28.212	-0.010	28.215	-0.015	28.243	-0.015	28.246	-0.019
23.992	0.004	24.032	0.015	24.074	0.011	24.089	0.009	28.286	-0.019	28.292	-0.022	28.326	-0.031	28.329	-0.037
24.128	0.012	24.149	0.017	24.158	0.019	24.176	0.024	28.341	-0.040	28.362	-0.022	28.399	-0.038	28.408	-0.031
24.191	0.027	24.210	0.036	24.225	0.040	24.240	0.040	28.430	-0.026	28.442	-0.024	28.464	-0.017	28.504	0.003
24.270	0.029	24.294	0.011	24.318	0.002	24.333	0.009	28.534	0.003	28.567	0.001	28.582	-0.003	28.609	0.008
24.354	-0.016	24.366	-0.016	24.418	-0.020	24.454	-0.015	28.648	0.013	28.654	0.026	28.675	0.031	28.711	0.036
24.478	-0.015	24.508	-0.018	24.514	-0.022	24.530	-0.029	28.744	0.013	28.765	0.033	28.792	0.025	28.798	0.017
24.548	-0.031	24.554	-0.038	24.600	-0.022	24.631	-0.010	28.822	-0.011	28.846	0.006	28.849	-0.005	28.873	-0.009
24.653	-0.006	24.656	-0.010	24.723	-0.019	24.769	0.012	28.894	-0.009	28.921	-0.007	28.951	-0.002	28.957	0.004
24.794	-0.006	24.819	-0.003	24.846	-0.006	24.895	-0.006	28.999	0.009	29.017	0.007	29.032	0.007	29.059	0.005
24.905	-0.004	24.954	-0.010	24.994	-0.019	24.997	-0.013	29.098	0.006	29.119	0.006	29.131	0.001	29.137	0.001
25.018	-0.028	25.040	-0.029	25.071	-0.015	25.095	-0.019	29.184	-0.001	29.202	0.002	29.226	0.008	29.244	0.006
25.117	-0.003	25.132	0.008	25.148	0.015	25.166	0.024	29.253	0.006	29.271	0.007	29.298	0.013	29.316	0.011
25.179	0.028	25.191	0.026	25.206	0.019	25.231	0.008	29.334	0.014	29.354	0.016	29.375	0.017	29.399	0.021
25.249	0.001	25.262	-0.004	25.271	-0.010	25.280	-0.015	29.411	0.022	29.447	-0.022	29.459	0.024	29.477	0.022
25.296	-0.019	25.311	-0.020	25.330	-0.019	25.342	-0.017	29.501	0.022	29.522	0.020	29.537	0.015	29.558	0.009
25.351	-0.013	25.370	-0.012	25.385	-0.012	25.394	-0.015	29.564	0.009	29.576	0.009	29.600	0.014	29.621	0.016
25.410	-0.019	25.419	-0.020	25.441	-0.028	25.444	-0.028	29.648	0.019	29.657	0.026	29.672	0.033	29.696	0.040
25.450	-0.033	25.465	-0.037	25.487	-0.033	25.514	-0.026	29.709	0.045	29.742	0.047	29.754	0.043	29.781	0.036
25.535	-0.020	25.547	-0.017	25.559	-0.010	25.584	-0.008	29.793	0.025	29.814	0.018	29.841	0.011	29.844	0.009
25.605	-0.010	25.617	-0.008	25.638	-0.012	25.650	-0.010	29.874	0.014	29.898	0.014	29.916	0.017	29.937	0.019
25.671	-0.013	25.683	-0.021	25.701	-0.024	25.710	-0.026	29.949	0.019	29.974	0.017	30.001	0.008	30.031	0.002
25.728	-0.028	25.740	-0.031	25.779	-0.022	25.815	-0.015	30.057	-0.007	30.075	-0.013	30.117	-0.018	30.138	-0.020
25.846	-0.010	25.870	-0.003	25.873	-0.003	25.885	0.006	30.174	-0.024	30.189	-0.026	30.197	-0.028	30.221	-0.028
25.903	0.010	25.918	0.010	25.936	0.009	25.957	0.008	30.245	-0.028	30.272	-0.030	30.293	-0.032	30.335	-0.035
25.990	0.002	26.008	0.000	26.033	0.000	26.039	0.000	30.367	-0.051	30.388	-0.043	30.403	-0.037	30.427	-0.039
26.057	0.008	26.078	0.015	26.081	0.018	26.093	0.020	30.454	-0.039	30.478	-0.039	30.496	-0.039	30.514	-0.039
26.118	0.022	26.130	0.022	26.139	0.022	26.163	0.023	30.625	-0.027	30.628	-0.018	30.640	-0.011	30.655	-0.001
26.178	0.021	26.184	0.021	26.199	0.021	26.215	0.023	30.664	0.007	30.682	0.015	30.713	0.021	30.734	0.026
26.248	0.021	26.260	0.021	26.272	0.021	26.297	0.025	30.743	0.024	30.779	0.028	30.803	0.024	30.827	0.031
26.312	0.028	26.324	0.028	26.333	0.033	26.354	0.037	30.839	0.031	30.860	0.031	30.885	0.031	30.906	0.031
26.382	0.039	26.400	0.039	26.442	0.038	26.470	0.038	30.918	0.031	30.948	0.031	30.960	0.028	31.002	0.021
26.497	0.033	26.509	0.029	26.527	0.026	26.552	0.017	31.027	0.019	31.058	0.015	31.073	0.013	31.088	0.015
26.561	0.015	26.589	0.020	26.610	0.029	26.659	0.032	31.104	0.015	31.141	0.015	31.172	0.013	31.193	0.006
26.672	0.030	26.675	0.030	26.678	0.032	26.684	0.034	31.218	-0.001	31.249	-0.013	31.267	-0.020	31.295	-0.020
26.739	0.036	26.761	0.030	26.776	0.027	26.794	0.023	31.323	-0.020	31.332	-0.020	31.350	-0.020	31.372	-0.017
26.810	0.023	26.825	0.016	26.846	0.009	26.865	0.003	31.397	-0.015	31.427	-0.012	31.474	-0.008	31.495	-0.006
26.886	-0.002	26.899	-0.008	26.920	-0.015	26.929	-0.022	31.511	0.001	31.532	0.012	31.544	0.021	31.560	0.026
26.935	-0.024	26.969	-0.031	26.985	-0.031	26.997	-0.031	31.584	0.030	31.609	0.030	31.636	0.030	31.673	0.025
27.033	-0.031	27.036	-0.030	27.057	-0.030	27.070	-0.030	31.694	0.019	31.722	0.007	31.753	-0.000	31.756	-0.004
27.082	-0.030	27.094	-0.030	27.115	-0.026	27.127	-0.026	31.805	-0.007	31.844	-0.011	31.887	-0.012	31.900	-0.012
27.142	-0.027	27.148	-0.019	27.170	-0.016	27.179	-0.012	31.912	-0.018	31.949	-0.030	31.979	-0.026	31.998	-0.026
27.206	-0.016	27.215	-0.016	27.230	-0.016	27.254	-0.016	32.028	-0.021	32.037	-0.028	32.070	-0.026	32.076	-0.017
27.270	-0.013	27.285	-0.013	27.312	-0.009	27.321	-0.006	32.110	-0.014	32.137	-0.006	32.140	0.002	32.182	0.010
27.364	-0.006	27.373	-0.006	27.394	-0.005	27.406	0.003	32.192	-0.010	32.216	-0.010	32.222	0.010	32.255	0.008
27.433	0.006	27.445	0.011	27.467	0.020	27.479	0.020	32.267	0.010	32.276	0.017	32.313	0.022	32.343	0.026
27.497	0.020	27.515	0.013	27.543	0.005	27.555	-0.002	32.364	0.026	32.367	0.022	32.386	0.022	32.416	0.017
27.570	-0.007	27.582	-0.011	27.604	-0.016	27.616	-0.020	32.437	0.001	32.449	-0.006	32.473	-0.013	32.501	-0.017

32.525	-0.019	32.559	-0.024	32.580	-0.024	32.608	-0.020	37.971	-0.011	38.007	-0.009	38.037	-0.002	38.080	0.003
32.641	-0.017	32.650	-0.017	32.687	-0.012	32.702	-0.012	38.095	0.007	38.140	0.014	38.143	0.016	38.155	0.019
32.727	-0.003	32.754	-0.003	32.776	-0.003	32.800	-0.004	38.194	0.025	38.254	0.027	38.302	0.023	38.320	0.018
32.825	-0.004	32.858	-0.006	32.868	-0.003	32.880	-0.003	38.356	0.012	38.404	0.005	38.437	-0.002	38.452	-0.007
32.910	-0.003	32.929	-0.001	32.953	0.003	32.972	0.001	38.503	-0.011	38.515	-0.015	38.524	-0.024	38.551	-0.027
32.990	0.001	33.002	0.003	33.021	0.003	33.033	0.001	38.588	-0.029	38.612	-0.033	38.630	-0.027	38.663	-0.026
33.070	-0.006	33.088	-0.015	33.110	-0.024	33.131	-0.035	38.723	-0.024	38.745	-0.024	38.769	-0.024	38.793	-0.019
33.143	-0.047	33.159	-0.054	33.183	-0.065	33.186	-0.063	38.814	-0.013	38.873	-0.010	38.893	-0.008	38.923	-0.008
33.214	-0.061	33.244	-0.065	33.263	-0.063	33.291	-0.061	38.932	-0.004	38.947	-0.003	38.959	-0.001	38.995	0.003
33.303	-0.060	33.315	-0.054	33.343	-0.044	33.352	-0.029	39.014	0.006	39.035	0.004	39.068	0.003	39.098	0.003
33.355	-0.026	33.373	-0.012	33.383	-0.001	33.416	0.008	39.119	0.008	39.144	0.004	39.156	0.010	39.180	0.010
33.429	0.015	33.444	0.022	33.453	0.031	33.468	0.033	39.198	0.010	39.204	0.013	39.237	0.017	39.274	0.019
33.490	0.045	33.499	0.042	33.514	0.051	33.523	0.052	39.310	0.022	39.322	0.022	39.346	0.026	39.377	0.026
33.542	0.065	33.560	0.069	33.575	0.070	33.587	0.072	39.395	0.022	39.410	0.021	39.434	0.021	39.446	0.021
33.639	0.072	33.651	0.067	33.670	0.062	33.685	0.058	39.480	0.019	39.498	0.015	39.504	0.008	39.528	0.008
33.721	0.051	33.740	0.044	33.776	0.038	33.785	0.035	39.534	0.012	39.555	0.010	39.585	0.010	39.594	0.010
33.791	0.028	33.819	0.028	33.849	0.019	33.867	0.015	39.618	0.010	39.633	0.008	39.654	0.006	39.663	0.006
34.014	-0.024	34.026	-0.024	34.038	-0.024	34.054	-0.024	39.672	0.006	39.706	0.006	39.721	0.006	39.760	0.006
34.063	-0.019	34.094	-0.014	34.103	-0.017	34.125	-0.017	39.781	0.003	39.799	0.006	39.829	0.006	39.838	0.006
34.149	-0.018	34.171	-0.014	34.186	-0.014	34.199	-0.018	39.877	-0.008	39.901	-0.004	39.937	0.003	39.952	-0.003
34.220	-0.018	34.248	-0.021	34.273	-0.022	34.300	-0.018	40.068	-0.017	40.080	-0.020	40.104	-0.022	40.144	-0.021
34.334	-0.016	34.365	-0.011	34.384	-0.009	34.424	-0.007	40.159	-0.021	40.190	-0.024	40.199	-0.023	40.254	-0.021
34.433	-0.016	34.482	-0.015	34.494	-0.016	34.522	-0.017	40.279	-0.012	40.282	-0.012	40.285	-0.012	40.315	-0.013
34.541	-0.017	34.544	-0.017	34.574	-0.017	34.596	-0.017	40.321	-0.013	40.340	-0.013	40.367	-0.013	40.388	-0.015
34.642	-0.013	34.657	-0.015	34.694	-0.010	34.725	-0.008	40.404	-0.015	40.428	-0.015	40.437	-0.015	40.453	-0.015
34.756	-0.004	34.783	0.003	34.814	0.008	34.848	0.005	40.504	-0.014	40.526	-0.014	40.553	-0.009	40.578	-0.001
34.869	0.021	34.885	0.026	34.925	0.035	34.968	0.037	40.608	0.004	40.627	0.006	40.633	0.014	40.663	0.011
34.989	0.035	35.020	0.037	35.044	0.037	35.063	0.037	40.685	0.023	40.709	0.025	40.734	0.030	40.749	0.025
35.081	0.035	35.111	0.035	35.142	0.033	35.170	0.029	40.774	0.028	40.807	0.025	40.819	0.018	40.847	0.012
35.194	0.024	35.212	0.021	35.246	0.015	35.274	0.015	40.859	0.012	40.887	0.012	40.902	0.009	40.920	0.009
35.301	0.013	35.338	0.012	35.362	0.010	35.399	0.015	40.963	0.007	40.969	0.005	41.000	0.003	41.024	0.004
35.430	0.015	35.451	0.019	35.485	0.019	35.500	0.022	41.046	0.000	41.055	-0.002	41.073	-0.009	41.119	-0.012
35.521	0.022	35.543	0.022	35.577	0.018	35.592	0.015	41.146	-0.016	41.189	-0.019	41.213	-0.021	41.232	-0.019
35.626	0.009	35.669	0.002	35.785	-0.007	35.718	-0.017	41.262	-0.019	41.271	-0.019	41.299	-0.019	41.338	-0.019
35.742	-0.018	35.748	-0.021	35.785	-0.021	35.807	-0.027	41.357	-0.021	41.390	-0.017	41.393	-0.019	41.445	-0.017
35.831	-0.030	35.871	-0.034	35.902	-0.032	35.932	-0.030	41.472	-0.013	41.503	0.003	41.518	-0.001	41.537	0.003
35.945	-0.030	35.981	-0.027	36.030	-0.022	36.072	-0.020	41.552	-0.001	41.573	0.003	41.598	0.008	41.619	0.008
36.087	-0.015	36.108	-0.008	36.117	-0.006	36.136	-0.003	41.638	0.006	41.650	0.006	41.678	0.008	41.699	0.012
36.183	0.006	36.204	0.006	36.207	0.010	36.225	0.015	41.727	0.010	41.772	0.012	41.797	0.004	41.821	0.004
36.270	0.013	36.291	0.013	36.315	0.018	36.351	0.016	41.861	0.004	41.870	0.004	41.913	0.003	41.941	0.004
36.378	0.016	36.399	0.005	36.432	0.003	36.450	-0.002	41.956	0.004	41.972	0.004	41.993	0.006	42.020	0.004
36.480	-0.008	36.489	-0.021	36.540	-0.026	36.543	-0.032	42.029	0.008	42.063	0.008	42.108	0.012	42.141	0.006
36.567	-0.033	36.576	-0.034	36.600	-0.034	36.627	-0.032	42.162	0.012	42.186	0.008	42.207	0.015	42.234	0.017
36.657	-0.025	36.672	-0.016	36.681	-0.009	36.693	-0.009	42.259	0.013	42.280	0.012	42.301	0.010	42.331	0.006
36.714	-0.002	36.735	0.008	36.759	0.013	36.771	0.029	42.340	0.004	42.358	0.003	42.394	-0.001	42.428	-0.001
36.807	0.029	36.834	0.029	36.864	0.029	36.894	0.030	42.437	-0.001	42.448	-0.001	42.488	-0.001	42.515	-0.001
36.897	0.032	36.936	0.030	36.960	0.030	36.972	0.030	42.539	-0.003	42.560	-0.003	42.587	-0.003	42.605	-0.003
36.998	0.026	37.020	0.023	37.056	0.019	37.096	0.017	42.617	-0.003	42.645	-0.003	42.669	-0.001	42.684	-0.001
37.136	0.010	37.179	0.008	37.209	0.006	37.240	0.002	42.693	-0.001	42.723	-0.003	42.744	-0.001	42.765	-0.001
37.261	0.002	37.288	-0.001	37.310	-0.001	37.331	-0.001	42.792	-0.001	42.828	-0.003	42.852	-0.004	42.889	-0.008
37.371	-0.001	37.389	-0.001	37.438	-0.002	37.484	-0.002	42.907	-0.015	42.961	-0.015	42.979	-0.015	43.018	-0.015
37.508	0.002	37.548	0.002	37.548	0.002	37.575	0.005	43.046	-0.015	43.077	-0.015	43.101	-0.017	43.120	-0.017
37.636	0.005	37.654	0.005	37.691	0.001	37.721	-0.000	43.154	-0.017	43.166	-0.017	43.191	-0.012	43.209	-0.012
37.752	-0.008	37.764	-0.008	37.813	-0.008	37.843	-0.008	43.243	-0.010	43.271	-0.006	43.292	-0.004	43.326	-0.006
37.877	-0.008	37.910	-0.009	37.931	-0.009	37.941	-0.011	43.344	-0.003	43.372	-0.004	43.397	-0.001	43.437	-0.001

43.464	0.001	43.492	0.006	43.508	0.006	43.520	0.004	50.463	0.006	50.478	0.006	50.514	0.005	50.551	0.005
43.548	0.004	43.600	0.004	43.631	-0.003	43.661	-0.004	50.578	0.003	50.605	-0.003	50.638	-0.001	50.675	-0.004
43.704	-0.010	43.735	-0.015	43.754	-0.019	43.797	-0.022	50.696	-0.006	50.726	-0.013	50.762	-0.013	50.794	-0.013
43.818	-0.019	43.840	-0.015	43.871	-0.006	43.901	-0.006	50.799	-0.013	50.817	-0.013	50.871	-0.013	50.899	-0.013
43.929	0.001	43.966	0.001	43.988	0.010	44.015	0.017	50.908	-0.013	50.950	-0.013	50.983	-0.012	50.998	-0.012
44.024	0.024	44.049	0.024	44.067	0.040	44.104	0.042	51.038	-0.010	51.072	-0.010	51.102	-0.010	51.123	-0.010
44.146	0.047	44.186	0.045	44.220	0.038	44.244	0.033	51.154	-0.008	51.178	-0.006	51.200	-0.006	51.233	-0.006
44.259	0.019	44.290	0.012	44.314	0.003	44.348	0.008	51.267	-0.006	51.297	-0.006	51.312	-0.012	51.370	-0.006
44.351	-0.010	44.385	-0.019	44.415	-0.028	44.452	-0.029	51.401	-0.001	51.431	-0.001	51.471	-0.004	51.504	-0.004
44.479	-0.033	44.513	-0.033	44.534	-0.033	44.553	-0.033	51.535	-0.004	51.538	-0.004	51.592	-0.004	51.629	-0.004
44.577	-0.031	44.614	-0.028	44.667	-0.024	44.697	-0.024	51.659	-0.004	51.686	-0.004	51.711	-0.004	51.744	-0.004
44.722	-0.017	44.749	-0.017	44.783	-0.017	44.811	-0.017	51.771	-0.004	51.792	-0.004	51.844	-0.006	51.877	-0.006
44.848	-0.017	44.882	-0.019	44.918	-0.019	44.943	-0.019	51.917	-0.006	51.983	-0.005	52.020	-0.003	52.075	-0.003
44.992	-0.019	45.026	-0.019	45.072	-0.017	45.105	-0.019	52.118	-0.001	52.157	-0.002	52.215	-0.001	52.243	-0.002
45.127	-0.015	45.160	-0.008	45.172	-0.001	45.224	0.001	52.295	0.001	52.341	0.001	52.381	0.004	52.399	0.012
45.255	-0.010	45.295	0.010	45.319	0.012	45.340	0.010	52.451	0.013	52.478	0.017	52.527	0.019	52.552	0.021
45.408	0.012	45.459	0.010	45.496	0.006	45.526	0.006	52.588	0.022	52.634	0.017	52.649	0.017	52.670	0.015
45.542	0.006	45.554	0.006	45.584	0.006	45.633	0.012	52.713	0.008	52.765	-0.003	52.792	-0.010	52.826	-0.024
45.645	0.010	45.684	0.015	45.715	0.013	45.739	0.013	52.865	-0.028	52.890	-0.031	52.914	-0.037	52.957	-0.045
45.751	0.014	45.784	0.017	45.833	0.015	45.848	0.021	52.993	-0.046	53.008	-0.049	53.042	-0.055	53.063	-0.062
45.921	0.021	45.942	0.023	45.988	0.023	46.018	0.023	53.084	-0.062	53.121	-0.059	53.142	-0.059	53.157	-0.061
46.043	0.023	46.086	0.023	46.104	0.023	46.141	0.023	53.175	-0.058	53.182	-0.052	53.212	-0.053	53.233	-0.044
46.169	0.023	46.224	0.018	46.261	0.015	46.313	0.008	53.245	-0.037	53.267	-0.030	53.300	-0.024	53.318	-0.019
46.362	0.002	46.390	-0.005	46.412	-0.012	46.464	-0.015	53.349	-0.010	53.352	-0.010	53.376	-0.005	53.409	-0.004
46.485	-0.017	46.513	-0.023	46.544	-0.027	46.580	-0.034	53.449	0.001	53.473	0.007	53.522	0.009	53.535	0.015
46.617	-0.033	46.657	-0.030	46.679	-0.028	46.709	-0.027	53.581	0.015	53.609	0.013	53.637	0.015	53.656	0.019
46.740	-0.029	46.771	-0.036	46.801	-0.039	46.838	-0.044	53.687	0.016	53.706	0.023	53.746	0.023	53.793	0.024
46.863	-0.042	46.890	-0.040	46.930	-0.037	46.952	-0.033	53.796	0.024	53.843	0.024	53.889	0.019	53.942	0.019
46.982	-0.031	47.010	-0.032	47.037	-0.023	47.062	-0.023	53.970	0.017	54.004	0.018	54.044	0.016	54.088	0.013
47.093	-0.021	47.114	-0.019	47.136	-0.016	47.200	-0.008	54.146	0.011	54.168	0.008	54.229	0.006	54.248	0.006
47.221	-0.005	47.246	-0.001	47.280	0.010	47.323	0.017	54.278	0.006	54.291	0.006	54.366	0.001	54.324	0.001
47.353	0.019	47.390	0.023	47.406	0.023	47.442	0.023	54.361	0.001	54.364	0.003	54.401	0.003	54.438	0.003
47.485	0.025	47.528	0.025	47.587	0.022	47.600	0.024	54.460	0.003	54.488	0.003	54.512	0.001	54.521	0.003
47.637	0.024	47.646	0.024	47.677	0.022	47.711	0.021	54.555	-0.003	54.582	0.001	54.591	0.001	54.625	-0.003
47.736	0.015	47.752	0.010	47.783	0.014	47.829	0.016	54.631	-0.006	54.698	-0.012	54.722	-0.019	54.759	-0.022
47.873	0.017	47.888	0.017	47.925	0.024	47.960	0.026	54.786	-0.022	54.820	-0.024	54.850	-0.026	54.874	-0.026
47.981	0.028	47.991	0.028	48.015	0.028	48.043	0.020	54.911	-0.026	54.929	-0.026	54.978	-0.026	55.024	-0.026
48.074	0.019	48.093	0.019	48.124	0.017	48.148	0.011	55.070	-0.026	55.103	-0.026	55.143	-0.020	55.171	-0.019
48.167	0.008	48.213	0.007	48.217	0.002	48.244	0.002	55.201	-0.019	55.226	-0.017	55.253	-0.010	55.278	-0.010
48.294	0.001	48.306	0.001	48.319	-0.002	48.359	-0.008	55.305	-0.010	55.341	-0.010	55.361	-0.010	55.382	-0.004
48.405	-0.004	48.446	-0.005	48.529	-0.005	48.573	-0.005	55.394	-0.006	55.428	-0.006	55.452	-0.010	55.455	-0.010
48.598	-0.002	48.642	-0.000	48.663	-0.002	48.694	-0.002	55.504	-0.010	55.531	-0.013	55.558	-0.012	55.574	-0.010
48.735	-0.001	48.779	0.005	48.807	0.003	48.838	0.004	55.601	-0.013	55.631	-0.013	55.655	-0.008	55.682	-0.010
48.866	0.004	48.897	0.004	48.931	0.007	48.959	0.007	55.710	-0.010	55.722	-0.012	55.746	-0.003	55.770	-0.003
48.978	0.005	49.000	0.000	49.047	-0.007	49.072	-0.009	55.800	-0.010	55.821	-0.006	55.842	-0.006	55.872	0.010
49.097	-0.011	49.132	-0.016	49.166	-0.025	49.216	-0.029	55.879	0.012	55.933	0.015	55.957	0.015	55.984	0.015
49.232	-0.032	49.279	-0.032	49.311	-0.031	49.323	-0.030	56.017	0.019	56.029	0.024	56.078	0.024	56.102	0.024
49.370	-0.031	49.408	-0.030	49.417	-0.030	49.474	-0.030	56.132	0.026	56.175	0.021	56.211	0.021	56.242	0.021
49.486	-0.027	49.511	-0.025	49.570	-0.019	49.604	-0.019	56.266	0.023	56.287	0.012	56.323	0.004	56.348	-0.001
49.616	-0.019	49.638	-0.017	49.650	-0.016	49.702	-0.012	56.360	-0.001	56.384	0.001	56.423	0.001	56.466	0.003
49.754	-0.008	49.767	0.002	49.782	0.004	49.831	0.008	56.505	-0.003	56.533	-0.001	56.564	-0.001	56.604	-0.001
49.878	0.013	49.911	0.013	49.942	0.018	49.948	0.018	56.629	-0.001	56.641	-0.001	56.657	-0.001	56.679	-0.001
49.998	0.018	50.010	0.018	50.034	0.018	50.112	0.018	56.703	-0.003	56.731	-0.006	56.762	-0.010	56.790	-0.012
50.142	0.009	50.160	0.007	50.205	-0.000	50.214	0.005	56.802	-0.015	56.830	-0.020	56.843	-0.019	56.874	-0.017
50.247	0.002	50.286	0.003	50.304	0.005	50.337	0.007	56.905	-0.017	56.939	-0.017	56.979	-0.017	57.001	-0.017
50.352	0.007	50.379	0.008	50.382	0.008	50.430	0.008	57.022	-0.012	57.057	-0.013	57.085	-0.013	57.100	-0.013

57.128	-0.013	57.175	-0.020	57.197	-0.020	57.237	-0.022
57.253	-0.024	57.290	-0.024	57.327	-0.024	57.374	-0.024
57.408	-0.022	57.433	-0.022	57.470	-0.020	57.501	-0.020
57.514	-0.019	57.558	-0.017	57.604	-0.017	57.636	-0.017
57.676	-0.017	57.714	-0.017	57.751	-0.013	57.760	-0.013
57.779	-0.013	57.820	-0.015	57.848	-0.011	57.870	-0.008
57.898	-0.008	57.944	-0.006	57.972	-0.002	57.982	-0.000
58.013	-0.000	58.038	0.000	58.095	0.002	58.123	0.004
58.158	0.004	58.208	0.004	58.236	0.004	58.252	0.008
58.299	0.010	58.321	0.004	58.340	0.004	58.381	0.003
58.431	0.003	58.460	-0.001	58.497	-0.004	58.516	-0.006
58.556	-0.006	58.600	-0.010	58.621	-0.011	58.665	-0.006
58.689	-0.011	58.711	-0.011	58.745	-0.011	58.789	-0.011
58.823	-0.007	58.860	-0.007	58.863	-0.007	58.931	-0.007
58.943	-0.007	58.968	-0.007	59.017	-0.007	59.042	-0.007
59.084	-0.006	59.118	-0.004	59.142	-0.001	59.157	0.003
59.212	0.007	59.242	0.004	59.266	0.005	59.287	0.006
59.351	0.003	59.363	0.003	59.409	0.005	59.433	0.002
59.436	0.002	59.503	0.000	59.527	-0.002	59.564	-0.003
59.637	-0.003	59.698	-0.005	59.762	-0.010	59.839	-0.010
59.897	-0.010	59.936	-0.010	60.003	-0.012	60.031	-0.012
60.068	-0.012	60.114	-0.012	60.166	-0.010	60.215	-0.008
60.242	-0.006	60.270	-0.006	60.279	-0.004	60.285	-0.006
60.316	-0.010						

IY376

68.104 4/8/68 1830PST PASADENA - FACULTY CLUB

WEST

2706 POINTS 60.279 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADRECTION, IS 0.0220 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.010	0.024	-0.010	0.098	-0.010	0.156	-0.010	3.973	-0.004	3.988	-0.005	4.007	-0.005	4.010	-0.000
0.162	-0.010	0.196	-0.006	0.242	-0.006	0.260	-0.008	4.038	-0.001	4.072	0.004	4.096	0.004	4.142	0.001
0.275	-0.008	0.306	-0.010	0.309	-0.010	0.327	-0.010	4.161	-0.003	4.195	-0.008	4.219	-0.008	4.232	-0.008
0.355	-0.010	0.382	-0.010	0.394	-0.015	0.431	-0.018	4.268	-0.008	4.296	-0.008	4.315	-0.008	4.345	-0.008
0.452	-0.018	0.483	-0.018	0.502	-0.014	0.532	-0.009	4.379	-0.005	4.407	-0.000	4.432	-0.000	4.465	-0.000
0.560	-0.003	0.585	0.005	0.603	0.003	0.613	0.003	4.490	-0.005	4.493	0.005	4.542	0.005	4.572	-0.002
0.628	0.003	0.662	0.003	0.684	-0.000	0.699	-0.002	4.597	-0.007	4.609	-0.011	4.627	-0.012	4.673	-0.021
0.727	-0.002	0.752	0.002	0.776	0.000	0.786	0.000	4.706	-0.021	4.749	-0.021	4.772	-0.021	4.767	-0.021
0.823	0.000	0.832	0.000	0.844	0.000	0.872	-0.007	4.786	-0.021	4.798	-0.021	4.819	-0.021	4.844	-0.023
0.900	-0.007	0.921	-0.005	0.949	-0.006	0.952	-0.006	4.859	-0.026	4.886	-0.026	4.926	-0.031	4.962	-0.028
1.002	-0.017	1.029	-0.016	1.060	-0.008	1.085	-0.003	4.993	-0.023	5.017	-0.021	5.023	-0.015	5.060	-0.006
1.116	0.000	1.146	0.000	1.165	-0.002	1.193	-0.007	5.087	0.006	5.109	0.004	5.133	0.004	5.170	0.011
1.217	-0.010	1.239	-0.014	1.264	-0.012	1.300	-0.012	5.188	0.024	5.197	0.021	5.230	0.021	5.258	0.007
1.322	-0.012	1.337	-0.012	1.350	-0.012	1.368	-0.011	5.273	0.007	5.310	-0.005	5.334	-0.013	5.355	-0.016
1.405	-0.004	1.430	-0.003	1.451	-0.003	1.470	-0.003	5.392	-0.020	5.413	-0.023	5.437	-0.025	5.465	-0.018
1.501	-0.004	1.516	-0.006	1.540	-0.009	1.562	-0.011	5.489	-0.010	5.501	-0.010	5.529	-0.010	5.559	-0.005
1.577	-0.011	1.608	-0.012	1.620	-0.010	1.651	-0.009	5.584	-0.006	5.596	-0.008	5.627	-0.008	5.636	-0.005
1.669	-0.004	1.678	-0.004	1.712	-0.004	1.742	-0.001	5.669	-0.001	5.718	-0.001	5.718	-0.001	5.733	-0.001
1.761	-0.001	1.791	0.006	1.828	0.006	1.846	0.006	5.752	0.000	5.779	0.000	5.798	0.000	5.819	0.000
1.868	0.006	1.871	0.006	1.904	0.004	1.913	-0.001	5.846	-0.005	5.859	-0.005	5.877	-0.006	5.901	-0.006
1.985	-0.002	1.996	-0.004	2.014	-0.009	2.036	-0.011	5.920	-0.006	5.926	-0.006	5.953	-0.001	5.966	-0.001
2.073	-0.016	2.085	-0.016	2.100	-0.019	2.146	-0.019	5.993	0.004	6.005	0.002	6.023	0.002	6.026	0.005
2.152	-0.017	2.183	-0.012	2.201	-0.009	2.238	-0.003	6.060	0.002	6.100	-0.001	6.115	-0.005	6.151	-0.006
2.259	-0.003	2.271	-0.002	2.287	-0.002	2.320	0.004	6.170	-0.006	6.194	-0.008	6.213	-0.010	6.252	-0.010
2.345	0.004	2.375	-0.003												

7.843	-0.012	7.858	-0.012	7.876	-0.008	7.925	-0.003	12.658	0.011	12.670	0.011	12.683	0.011	12.713	0.005
7.956	-0.003	7.987	-0.003	8.002	-0.003	8.027	-0.003	12.735	0.004	12.747	-0.001	12.753	-0.010	12.805	-0.010
8.058	-0.008	8.083	-0.008	8.101	-0.011	8.123	-0.008	12.829	-0.010	12.854	-0.010	12.872	-0.010	12.891	-0.010
8.163	-0.008	8.194	-0.001	8.219	-0.001	8.247	0.002	12.906	-0.010	12.927	-0.010	12.946	-0.010	12.964	-0.010
8.262	0.002	8.287	0.007	8.321	0.007	8.346	0.005	12.982	-0.010	12.995	-0.010	13.019	-0.010	13.022	-0.010
8.374	0.000	8.405	-0.002	8.430	-0.002	8.448	-0.002	13.031	-0.010	13.056	-0.015	13.078	-0.015	13.121	-0.015
8.467	-0.002	8.482	-0.002	8.517	-0.002	8.545	-0.002	13.154	-0.013	13.185	-0.008	13.203	-0.006	13.225	-0.006
8.567	-0.002	8.582	-0.002	8.607	-0.002	8.635	-0.002	13.253	-0.013	13.283	-0.011	13.305	-0.011	13.329	-0.011
8.639	-0.004	8.667	-0.006	8.707	-0.009	8.732	-0.016	13.345	-0.008	13.363	-0.006	13.376	-0.001	13.406	-0.001
8.748	-0.016	8.773	-0.013	8.776	-0.011	8.785	-0.016	13.419	0.002	13.437	0.004	13.452	0.002	13.477	0.002
8.807	-0.016	8.823	-0.014	8.842	-0.011	8.870	-0.011	13.489	0.002	13.504	0.004	13.525	0.004	13.558	0.004
8.892	-0.006	8.907	-0.006	8.910	-0.006	8.935	0.001	13.567	0.002	13.585	0.000	13.606	-0.001	13.636	-0.006
8.939	0.001	8.967	0.004	8.976	0.004	8.995	0.004	13.664	-0.006	13.691	-0.006	13.718	-0.011	13.739	-0.015
9.010	0.004	9.022	0.004	9.035	0.004	9.044	0.004	13.760	-0.013	13.781	-0.010	13.805	-0.008	13.829	-0.001
9.065	-0.001	9.084	-0.001	9.111	0.000	9.127	0.000	13.865	0.002	13.889	0.005	13.910	0.007	13.919	0.009
9.145	0.002	9.157	0.002	9.170	0.002	9.191	0.002	13.955	0.011	13.967	0.014	13.994	0.019	14.018	0.021
9.203	0.002	9.231	-0.003	9.250	-0.003	9.265	-0.005	14.039	0.019	14.063	0.019	14.066	0.017	14.075	0.014
9.293	-0.008	9.317	-0.013	9.326	-0.016	9.354	-0.016	14.108	0.007	14.138	0.002	14.162	-0.001	14.165	-0.006
9.372	-0.018	9.394	-0.018	9.419	-0.018	9.437	-0.018	14.195	-0.011	14.225	-0.011	14.246	-0.011	14.258	-0.016
9.452	-0.018	9.477	-0.018	9.502	-0.018	9.517	-0.018	14.276	-0.011	14.306	-0.010	14.318	-0.005	14.351	-0.005
9.539	-0.013	9.557	-0.013	9.585	-0.010	9.616	-0.010	14.354	-0.005	14.366	-0.005	14.398	-0.001	14.413	-0.005
9.641	0.000	9.663	0.000	9.682	0.000	9.706	0.005	14.425	-0.005	14.443	-0.005	14.473	-0.005	14.507	-0.005
9.725	0.005	9.750	0.005	9.771	0.005	9.787	0.005	14.540	-0.005	14.568	-0.005	14.593	-0.005	14.611	-0.003
9.837	0.000	9.863	0.000	9.866	0.000	9.880	-0.002	14.642	-0.003	14.678	-0.005	14.706	-0.005	14.712	-0.005
9.883	-0.002	9.908	-0.002	9.933	-0.002	9.945	-0.002	14.746	-0.003	14.770	-0.005	14.789	-0.001	14.825	0.002
9.954	-0.002	9.992	-0.002	10.001	-0.002	10.032	-0.002	14.856	0.007	14.859	0.009	14.893	0.011	14.902	0.011
10.070	-0.002	10.092	-0.002	10.108	-0.002	10.130	0.001	14.923	0.011	14.939	0.009	14.963	0.005	14.978	0.005
10.145	-0.000	10.155	-0.001	10.183	-0.002	10.217	-0.007	15.000	0.011	15.027	0.011	15.046	0.012	15.095	0.014
10.233	-0.009	10.264	-0.006	10.280	-0.004	10.302	-0.001	15.098	0.014	15.116	0.014	15.131	0.012	15.149	0.012
10.330	-0.001	10.352	-0.001	10.358	-0.001	10.380	-0.003	15.189	0.014	15.211	0.014	15.229	0.014	15.247	0.012
10.396	-0.003	10.412	-0.003	10.443	-0.003	10.462	-0.005	15.269	0.012	15.293	0.012	15.308	0.012	15.339	0.009
10.505	-0.012	10.530	-0.017	10.542	-0.018	10.558	-0.020	15.354	0.000	15.372	-0.001	15.394	-0.008	15.406	-0.016
10.585	-0.020	10.622	-0.019	10.644	-0.020	10.647	-0.020	15.427	-0.016	15.449	-0.016	15.479	-0.018	15.501	-0.020
10.656	-0.020	10.702	-0.014	10.717	-0.014	10.754	-0.017	15.528	-0.020	15.552	-0.018	15.562	-0.016	15.577	-0.015
10.779	-0.011	10.800	-0.004	10.816	-0.000	10.843	0.003	15.604	-0.015	15.623	-0.018	15.635	-0.027	15.647	-0.032
10.865	0.008	10.880	0.011	10.905	0.009	10.923	0.009	15.659	-0.037	15.680	-0.037	15.723	-0.037	15.744	-0.032
10.948	0.008	10.969	0.008	10.978	0.008	11.009	0.001	15.760	-0.027	15.769	-0.017	15.781	-0.008	15.805	-0.001
11.027	-0.008	11.045	-0.008	11.067	-0.008	11.094	-0.008	15.851	0.009	15.866	0.014	15.879	0.014	15.894	0.014
11.109	-0.008	11.143	-0.008	11.164	-0.008	11.188	-0.008	15.918	0.009	15.930	0.005	15.952	-0.003	15.982	-0.010
11.210	-0.003	11.228	-0.001	11.240	0.002	11.255	0.002	16.010	-0.009	16.013	-0.004	16.040	0.001	16.061	0.001
11.267	0.000	11.276	0.000	11.301	0.000	11.322	0.000	16.064	0.005	16.089	0.013	16.107	0.016	16.128	0.020
11.361	-0.003	11.404	-0.003	11.431	-0.003	11.444	-0.003	16.146	0.020	16.171	0.016	16.186	0.009	16.198	0.001
11.468	-0.003	11.489	-0.003	11.508	-0.003	11.526	-0.007	16.232	-0.009	16.241	-0.014	16.247	-0.020	16.295	-0.025
11.544	-0.007	11.572	-0.007	11.599	-0.007	11.618	-0.007	16.304	-0.021	16.323	-0.011	16.329	-0.006	16.350	0.000
11.624	-0.010	11.652	-0.011	11.685	-0.012	11.707	-0.014	16.377	0.000	16.402	0.000	16.438	0.002	16.450	-0.003
11.734	-0.016	11.756	-0.019	11.777	-0.019	11.792	-0.019	16.466	-0.002	16.499	-0.002	16.520	-0.002	16.543	-0.002
11.817	-0.019	11.838	-0.011	11.857	-0.011	11.866	-0.011	16.558	-0.000	16.579	0.003	16.603	0.007	16.633	0.013
11.893	-0.011	11.927	-0.011	11.936	-0.011	11.958	0.007	16.636	0.018	16.654	0.025	16.669	0.027	16.698	0.028
11.985	0.007	12.007	0.004	12.025	0.001	12.047	0.004	16.725	0.023	16.734	0.023	16.752	0.023	16.788	0.020
12.062	0.004	12.077	0.004	12.089	0.004	12.114	-0.001	16.800	0.019	16.806	0.018	16.830	0.018	16.847	0.018
12.129	0.002	12.144	0.002	12.157	0.000	12.172	0.000	16.877	0.018	16.892	0.023	16.907	0.038	16.931	0.043
12.181	0.000	12.202	0.000	12.221	-0.005	12.239	-0.008	16.943	0.055	16.955	0.058	16.979	0.058	16.997	0.053
12.248	-0.013	12.303	-0.016	12.328	-0.016	12.349	-0.016	17.000	0.046	17.024	0.034	17.045	0.019	17.060	0.006
12.355	-0.016	12.389	-0.018	12.420	-0.018	12.423	-0.018	17.072	-0.001	17.093	-0.001	17.105	-0.003	17.126	-0.003
12.459	-0.018	12.490	-0.011	12.514	-0.006	12.530	-0.001	17.144	-0.003	17.177	-0.003	17.201	-0.003	17.216	-0.003
12.557	0.005	12.563	0.011	12.600	0.016	12.637	0.016	17.243	-0.003	17.258	-0.008	17.285	-0.011	17.297	-0.018

17.321	-0.018	17.351	-0.015	17.357	-0.008	17.370	-0.003	21.545	-0.046	21.561	-0.044	21.570	-0.039	21.588	-0.033
17.394	0.000	17.406	0.004	17.439	0.012	17.452	0.012	21.598	-0.020	21.619	-0.008	21.635	0.000	21.638	-0.007
17.466	0.011	17.478	0.009	17.493	0.009	17.521	-0.001	21.672	-0.007	21.688	-0.007	21.703	-0.017	21.706	-0.017
17.539	-0.006	17.563	-0.011	17.579	-0.020	17.594	-0.020	21.719	-0.007	21.744	-0.008	21.759	-0.008	21.793	-0.008
17.618	-0.020	17.649	-0.017	17.664	-0.012	17.673	-0.005	21.809	0.002	21.843	0.022	21.868	0.034	21.923	0.034
17.698	0.003	17.710	0.011	17.728	0.011	17.759	0.007	21.945	0.034	21.967	0.034	21.985	0.034	21.998	0.034
17.787	0.007	17.805	0.006	17.823	0.005	17.839	0.004	22.045	0.034	22.060	0.034	22.063	0.037	22.091	0.037
17.866	0.009	17.884	0.014	17.909	0.019	17.924	0.018	22.107	0.037	22.141	0.035	22.173	0.035	22.191	0.035
17.955	0.016	17.970	0.018	17.982	0.023	18.004	0.026	22.210	0.030	22.223	0.020	22.254	0.013	22.266	-0.007
18.028	0.027	18.043	0.027	18.077	0.027	18.095	0.023	22.285	-0.020	22.294	-0.032	22.332	-0.039	22.341	-0.039
18.110	0.018	18.116	0.010	18.140	0.001	18.162	-0.008	22.372	-0.034	22.379	-0.024	22.419	-0.019	22.441	-0.018
18.165	0.016	18.177	-0.020	18.201	-0.025	18.219	-0.029	22.457	-0.024	22.469	-0.038	22.485	-0.040	22.488	-0.046
18.244	-0.032	18.259	-0.032	18.277	-0.031	18.314	-0.035	22.506	-0.058	22.516	-0.062	22.534	-0.050	22.556	-0.036
18.317	-0.036	18.326	-0.050	18.344	-0.053	18.368	-0.055	22.590	-0.031	22.624	-0.026	22.643	-0.021	22.677	-0.020
18.396	-0.056	18.420	-0.052	18.447	-0.044	18.453	-0.034	22.708	-0.020	22.720	-0.016	22.735	-0.013	22.751	-0.006
18.460	-0.024	18.478	-0.031	18.502	-0.029	18.539	-0.029	22.779	-0.001	22.803	-0.001	22.816	0.014	22.850	0.019
18.551	-0.031	18.572	-0.031	18.594	-0.029	18.615	-0.028	22.875	0.022	22.887	0.025	22.912	0.025	22.927	0.025
18.652	-0.019	18.664	-0.019	18.673	-0.019	18.688	-0.025	22.946	0.018	22.964	0.017	22.992	0.008	23.002	0.008
18.707	0.011	18.734	0.011	18.753	0.004	18.783	0.012	23.023	0.015	23.051	0.018	23.069	0.026	23.097	0.028
18.795	0.017	18.811	0.011	18.850	0.005	18.869	0.005	23.113	0.020	23.134	0.013	23.137	0.006	23.178	-0.004
18.881	0.007	18.905	0.016	18.933	0.022	18.942	0.027	23.202	-0.008	23.221	-0.016	23.230	-0.006	23.258	0.007
18.957	0.031	18.975	0.038	19.006	0.044	19.022	0.043	23.279	0.023	23.289	0.033	23.295	0.034	23.335	0.043
19.043	0.063	19.068	0.034	19.080	0.021	19.108	0.014	23.350	0.038	23.375	0.034	23.384	0.033	23.397	0.024
19.123	-0.001	19.133	-0.015	19.151	-0.022	19.157	-0.027	23.406	0.022	23.443	0.021	23.465	0.021	23.480	0.021
19.179	-0.032	19.179	-0.028	19.201	-0.028	19.228	-0.025	23.507	0.021	23.517	0.026	23.541	0.027	23.571	0.034
19.244	-0.025	19.262	-0.025	19.278	-0.025	19.299	-0.025	23.611	0.036	23.642	0.041	23.663	0.046	23.669	0.051
19.315	-0.025	19.349	-0.023	19.361	-0.023	19.380	-0.018	23.687	0.051	23.706	0.051	23.742	0.054	23.748	0.052
19.395	-0.012	19.411	0.002	19.444	0.012	19.466	0.024	23.785	0.049	23.806	0.049	23.818	0.046	23.834	0.039
19.472	0.032	19.488	0.032	19.512	0.031	19.549	0.019	23.870	0.027	23.904	0.017	23.922	0.008	23.946	-0.007
19.564	0.015	19.570	0.015	19.619	0.017	19.622	0.022	23.956	-0.017	23.962	-0.020	23.986	-0.026	24.010	-0.036
19.647	0.032	19.665	0.042	19.681	0.056	19.705	0.057	24.031	-0.038	24.055	-0.048	24.058	-0.053	24.077	-0.063
19.720	0.059	19.754	0.059	19.769	0.052	19.782	0.044	24.092	-0.068	24.113	-0.077	24.125	-0.088	24.149	-0.095
19.794	0.028	19.803	0.020	19.821	0.008	19.846	0.001	24.164	-0.099	24.176	-0.105	24.185	-0.097	24.203	-0.089
19.867	0.001	19.889	0.004	19.913	0.011	19.926	0.016	24.227	-0.082	24.242	-0.075	24.261	-0.065	24.279	-0.062
19.953	0.025	19.956	0.025	19.990	0.021	20.002	0.018	24.300	-0.058	24.318	-0.057	24.333	-0.060	24.363	-0.062
20.033	0.011	20.064	0.011	20.079	0.006	20.101	-0.001	24.396	-0.062	24.420	-0.053	24.442	-0.050	24.469	-0.041
20.125	-0.009	20.135	-0.016	20.175	-0.020	20.187	-0.020	24.490	-0.028	24.505	-0.021	24.530	-0.018	24.551	-0.014
20.208	-0.010	20.224	0.001	20.245	0.009	20.264	0.012	24.564	-0.013	24.588	-0.020	24.610	-0.030	24.628	-0.031
20.282	0.007	20.292	0.006	20.304	-0.003	20.322	-0.011	24.647	-0.035	24.668	-0.030	24.687	-0.021	24.702	-0.011
20.335	-0.008	20.359	-0.003	20.375	0.004	20.408	0.019	24.717	-0.001	24.736	-0.001	24.757	0.001	24.797	0.002
20.424	0.044	20.433	0.059	20.455	0.066	20.495	0.069	24.809	0.004	24.819	0.009	24.852	0.016	24.868	0.023
20.529	0.067	20.557	0.060	20.572	0.043	20.591	0.043	24.886	0.018	24.911	0.014	24.929	0.004	24.942	-0.008
20.607	0.038	20.632	0.034	20.660	0.029	20.681	0.023	24.963	-0.014	24.978	-0.021	24.997	-0.026	25.031	-0.026
20.703	0.016	20.716	0.005	20.740	-0.006	20.756	-0.025	25.055	-0.020	25.080	-0.001	25.102	0.009	25.120	0.022
20.765	-0.035	20.781	-0.047	20.800	-0.057	20.824	-0.066	25.145	0.039	25.154	0.047	25.173	0.049	25.194	0.049
20.828	-0.067	20.837	-0.069	20.846	-0.074	20.859	-0.083	25.219	0.042	25.240	0.038	25.265	0.047	25.280	0.057
20.865	-0.091	20.877	-0.056	20.893	-0.103	20.915	-0.105	25.302	0.062	25.324	0.068	25.336	0.072	25.345	0.065
20.930	-0.103	20.946	-0.093	20.967	-0.088	20.992	-0.082	25.379	0.044	25.398	0.029	25.413	0.012	25.416	-0.001
21.005	-0.075	21.020	-0.072	21.039	-0.070	21.079	-0.067	25.428	-0.018	25.450	-0.034	25.475	-0.037	25.499	-0.039
21.100	-0.057	21.113	-0.053	21.116	-0.045	21.128	-0.031	25.511	-0.018	25.538	-0.039	25.553	-0.036	25.556	-0.031
21.134	0.026	21.156	-0.018	21.165	-0.013	21.178	-0.008	25.571	-0.026	25.589	-0.012	25.607	0.001	25.616	0.001
21.193	0.000	21.211	0.002	21.239	0.017	21.264	0.018	25.640	0.001	25.652	-0.004	25.695	-0.011	25.701	-0.015
21.286	0.027	21.304	0.027	21.313	0.028	21.338	0.016	25.734	-0.001	25.761	-0.015	25.773	-0.012	25.776	-0.008
21.347	0.006	21.372	-0.006	21.378	-0.008	21.400	-0.014	25.812	-0.002	25.845	0.002	25.878	-0.003	25.896	-0.009
21.421	-0.015	21.437	-0.018	21.452	-0.022	21.458	-0.023	25.909	-0.009	25.933	-0.015	25.957	-0.016	25.981	-0.002
21.471	-0.023	21.502	-0.029	21.505	-0.040	21.517	-0.046	25.999	0.005	26.026	0.011	26.051	0.009	26.060	0.009

26.084	0.006	26.111	-0.001	26.126	-0.014	26.160	-0.025	30.501	-0.014	30.519	-0.011	30.543	-0.009	30.564	-0.005
26.178	-0.030	26.217	-0.030	26.239	-0.028	26.260	-0.027	30.571	-0.002	30.607	-0.002	30.631	0.003	30.649	0.008
26.281	0.020	26.299	-0.020	26.318	-0.010	26.330	0.002	30.670	0.001	30.691	0.011	30.721	0.010	30.736	0.011
26.351	0.005	26.366	0.005	26.381	0.002	26.409	-0.002	30.752	0.013	30.755	0.013	30.785	0.018	30.794	0.018
26.427	-0.005	26.430	-0.008	26.463	-0.008	26.482	0.000	30.806	0.020	30.839	-0.016	30.854	0.015	30.881	0.006
26.500	0.005	26.528	0.010	26.549	0.015	26.561	0.024	30.902	0.020	30.939	-0.001	30.942	-0.001	30.957	-0.001
26.586	0.034	26.610	0.044	26.635	0.056	26.650	0.064	30.981	-0.006	30.999	-0.006	31.030	-0.007	31.061	-0.009
26.687	0.064	26.715	0.058	26.736	0.052	26.758	0.046	31.098	-0.008	31.122	-0.006	31.129	-0.003	31.138	-0.001
26.773	0.041	26.797	0.041	26.825	0.026	26.837	0.021	31.166	0.008	31.200	0.011	31.212	0.003	31.240	0.013
26.856	0.012	26.874	-0.008	26.896	-0.022	26.911	-0.032	31.270	0.016	31.277	0.016	31.295	0.016	31.320	0.017
26.936	-0.044	26.954	-0.057	26.985	-0.064	27.009	-0.059	31.326	0.017	31.338	0.017	31.375	0.016	31.381	0.012
27.027	-0.055	27.054	-0.050	27.075	-0.042	27.094	-0.037	31.400	0.009	31.409	0.007	31.431	0.007	31.449	0.005
27.112	-0.028	27.130	-0.022	27.160	-0.013	27.166	-0.011	31.480	0.000	31.489	-0.000	31.508	-0.002	31.532	-0.002
27.185	-0.011	27.215	-0.001	27.251	0.002	27.288	0.009	31.544	-0.002	31.584	-0.002	31.606	-0.004	31.618	-0.007
27.300	0.009	27.312	0.004	27.345	0.004	27.363	0.000	31.633	-0.014	31.658	-0.014	31.691	-0.017	31.694	-0.019
27.391	-0.006	27.403	-0.013	27.439	-0.013	27.460	-0.010	31.725	-0.014	31.737	-0.012	31.753	-0.006	31.783	0.001
27.491	-0.005	27.494	-0.001	27.515	0.002	27.524	-0.003	31.786	0.004	31.805	0.009	31.820	0.013	31.854	0.016
27.527	-0.005	27.543	-0.013	27.579	-0.018	27.582	-0.022	31.866	0.014	31.878	0.013	31.903	0.012	31.930	0.012
27.591	-0.022	27.625	-0.022	27.634	-0.016	27.658	-0.016	31.949	0.012	31.952	0.016	31.976	0.016	31.994	0.017
27.674	-0.016	27.692	-0.020	27.725	-0.023	27.738	-0.023	32.013	0.022	32.028	0.025	32.058	0.029	32.073	0.035
27.762	-0.023	27.780	-0.018	27.796	-0.015	27.817	-0.010	32.097	0.040	32.116	0.037	32.128	0.037	32.155	0.035
27.829	-0.003	27.869	0.000	27.872	0.007	27.881	0.007	32.167	0.035	32.176	0.035	32.204	0.036	32.225	0.036
27.908	0.007	27.936	0.007	27.957	0.005	27.991	0.002	32.252	0.033	32.270	0.026	32.304	0.020	32.340	0.015
28.015	-0.005	28.040	-0.005	28.049	0.002	28.074	0.011	32.349	0.015	32.373	0.011	32.388	0.008	32.404	0.005
28.080	0.017	28.089	0.022	28.126	0.032	28.154	0.042	32.437	-0.002	32.437	-0.002	32.461	-0.013	32.467	-0.018
28.181	0.042	28.209	0.042	28.237	0.046	28.261	0.045	32.485	-0.021	32.491	-0.028	32.522	0.041	32.528	-0.045
28.276	0.049	28.292	0.054	28.323	0.059	28.335	0.057	32.543	-0.050	32.562	-0.057	32.568	-0.062	32.602	-0.063
28.359	0.053	28.375	0.048	28.384	0.041	28.399	0.041	32.620	-0.067	32.647	-0.060	32.669	-0.060	32.706	-0.053
28.415	0.036	28.448	0.031	28.458	0.024	28.479	0.020	32.730	-0.055	32.736	-0.055	32.748	-0.051	32.767	-0.044
28.497	0.013	28.503	0.008	28.521	0.006	28.551	0.006	32.791	-0.044	32.813	-0.039	32.816	-0.032	32.831	-0.032
28.575	0.008	28.602	0.008	28.635	0.007	28.668	0.007	32.858	-0.032	32.874	-0.032	32.877	-0.031	32.898	-0.027
28.714	0.007	28.753	0.007	28.756	0.010	28.774	0.008	32.923	-0.027	32.923	-0.024	32.947	-0.017	32.959	-0.014
28.789	0.001	28.828	0.001	28.849	0.001	28.873	-0.002	32.975	-0.010	32.999	-0.005	33.027	-0.000	33.042	0.005
28.900	-0.002	28.918	-0.003	28.939	-0.003	28.984	-0.003	33.051	0.010	33.061	0.017	33.079	0.022	33.088	0.027
29.002	-0.003	29.017	-0.003	29.035	-0.003	29.046	0.001	33.116	0.037	33.128	0.039	33.146	0.045	33.168	0.045
29.064	0.007	29.067	0.009	29.091	0.016	29.103	0.026	33.180	0.049	33.208	0.052	33.229	0.052	33.263	0.052
29.121	0.026	29.163	0.031	29.166	0.031	29.184	0.024	33.294	0.050	33.300	0.049	33.324	0.045	33.349	0.045
29.196	0.019	29.205	0.017	29.217	0.009	29.229	0.005	33.376	0.045	33.401	0.044	33.413	0.044	33.441	0.047
29.249	-0.001	29.261	-0.006	29.273	-0.010	29.300	-0.015	33.462	0.049	33.484	0.044	33.493	0.040	33.508	0.039
29.321	-0.023	29.336	-0.027	29.348	-0.035	29.369	-0.042	33.514	0.039	33.533	0.037	33.551	0.028	33.581	0.026
29.375	-0.049	29.402	-0.054	29.429	-0.062	29.449	-0.066	33.593	0.019	33.621	0.014	33.633	0.014	33.645	0.012
29.473	-0.074	29.497	-0.074	29.512	-0.074	29.534	-0.066	33.730	-0.011	33.746	-0.016	33.755	-0.021	33.791	-0.021
29.549	-0.066	29.558	-0.056	29.570	-0.052	29.582	-0.047	33.730	-0.011	33.746	-0.016	33.755	-0.021	33.791	-0.021
29.609	-0.044	29.618	-0.042	29.624	-0.032	29.645	-0.024	33.806	-0.021	33.816	-0.021	33.831	-0.022	33.877	-0.022
29.660	-0.019	29.672	-0.012	29.687	-0.019	29.696	-0.005	33.895	-0.020	33.916	-0.020	33.934	-0.017	33.953	-0.015
29.705	-0.000	29.720	0.003	29.726	0.011	29.750	0.016	33.980	-0.015	34.005	-0.013	34.032	-0.013	34.051	-0.010
29.771	0.025	29.787	0.025	29.799	0.028	29.823	0.028	34.063	-0.006	34.085	-0.005	34.112	-0.003	34.128	-0.002
29.847	0.028	29.865	0.033	29.898	0.038	29.910	0.040	34.146	0.002	34.162	0.004	34.171	0.007	34.205	0.007
29.913	0.041	29.925	0.046	29.946	0.048	29.958	0.051	34.220	0.005	34.230	0.002	34.254	0.002	34.282	0.002
29.970	0.051	29.988	0.051	30.009	0.044	30.036	0.036	34.291	0.007	34.307	0.015	34.322	0.015	34.341	0.015
30.057	0.027	30.081	0.017	30.105	0.014	30.125	0.009	34.356	0.018	34.368	0.017	34.381	0.020	34.402	0.025
30.143	0.009	30.161	0.014	30.182	0.019	30.209	0.022	34.430	0.023	34.442	0.028	34.455	0.030	34.458	0.030
30.221	0.024	30.239	0.029	30.257	0.029	30.268	0.029	34.473	0.035	34.507	0.038	34.522	0.038	34.550	0.026
30.292	0.029	30.316	0.022	30.325	0.017	30.337	0.012	34.565	0.025	34.587	0.019	34.605	0.018	34.627	0.011
30.352	0.007	30.367	-0.000	30.385	-0.010	30.403	-0.017	34.642	0.001	34.660	-0.006	34.676	-0.013	34.688	-0.018
30.415	-0.017	30.435	-0.017	30.459	-0.017	30.474	-0.017	34.713	-0.028	34.734	-0.035	34.753	-0.035	34.783	-0.035

34.811	-0.035	34.814	-0.035	34.839	-0.037	34.863	-0.037	39.850	-0.006	39.871	-0.010	39.895	-0.013	39.925	-0.016
34.891	-0.034	34.909	-0.027	34.919	-0.020	34.946	-0.014	39.955	-0.020	39.973	-0.025	39.998	-0.028	40.025	-0.028
34.968	-0.002	34.980	0.003	34.995	0.012	35.001	0.023	40.034	-0.023	40.077	-0.013	40.095	-0.010	40.123	-0.006
35.029	0.027	35.053	0.025	35.072	0.027	35.090	0.027	40.135	-0.006	40.144	-0.006	40.172	-0.006	40.190	-0.006
35.108	0.018	35.121	0.018	35.148	0.016	35.167	0.010	40.205	-0.006	40.233	-0.006	40.269	-0.003	40.291	0.000
35.182	0.001	35.194	-0.004	35.206	-0.007	35.219	-0.014	40.309	0.002	40.318	0.002	40.349	0.002	40.370	0.000
35.252	-0.021	35.255	-0.028	35.292	-0.026	35.313	-0.030	40.376	-0.001	40.401	-0.001	40.413	-0.001	40.434	-0.003
35.338	-0.031	35.344	-0.031	35.350	-0.031	35.384	-0.030	40.459	-0.003	40.486	-0.006	40.511	-0.010	40.523	-0.013
35.417	-0.026	35.436	-0.018	35.460	-0.006	35.485	-0.005	40.535	-0.020	40.584	-0.022	40.587	-0.022	40.611	-0.024
35.509	0.000	35.524	0.002	35.549	0.005	35.577	0.007	40.636	-0.024	40.667	-0.022	40.654	-0.017	40.712	-0.015
35.607	0.015	35.632	0.014	35.659	0.014	35.681	0.019	40.719	-0.012	40.746	-0.006	40.767	-0.002	40.792	0.004
35.693	0.019	35.730	0.020	35.748	0.023	35.776	0.023	40.813	0.011	40.832	0.019	40.859	0.028	40.878	0.026
35.791	0.020	35.825	0.011	35.847	0.006	35.874	-0.001	40.896	0.026	40.926	0.026	40.951	0.022	40.985	0.013
35.889	-0.007	35.896	-0.007	35.923	-0.007	35.960	-0.008	41.000	0.012	41.036	0.011	41.061	0.010	41.085	0.006
35.972	-0.008	36.024	-0.018	36.036	-0.021	36.075	-0.026	41.122	0.006	41.143	0.001	41.164	-0.001	41.192	-0.004
36.093	-0.032	36.147	-0.032	36.162	-0.030	36.201	-0.027	41.210	-0.004	41.228	-0.004	41.245	-0.004	41.280	-0.006
36.231	-0.018	36.252	-0.018	36.264	-0.015	36.312	-0.010	41.293	-0.006	41.326	-0.008	41.353	-0.008	41.375	-0.006
36.336	-0.003	36.345	-0.014	36.372	-0.019	36.381	0.022	41.393	-0.003	41.414	0.000	41.451	0.005	41.457	0.005
36.396	0.027	36.411	0.029	36.423	0.036	36.435	0.044	41.497	0.011	41.521	0.012	41.534	0.012	41.561	0.019
36.444	0.047	36.447	0.047	36.495	0.049	36.525	0.052	41.592	0.024	41.604	0.029	41.635	0.034	41.647	0.033
36.543	0.052	36.576	0.051	36.588	0.051	36.624	0.049	41.668	0.033	41.671	0.033	41.717	0.027	41.733	0.024
36.639	0.049	36.663	0.049	36.693	0.047	36.714	0.045	41.757	0.019	41.772	0.011	41.803	-0.003	41.831	-0.008
36.741	0.040	36.764	0.042	36.800	0.042	36.824	0.042	41.843	-0.011	41.867	-0.018	41.901	-0.020	41.904	-0.023
36.848	0.042	36.884	0.047	36.911	0.043	36.938	0.040	41.944	-0.026	41.990	-0.026	42.011	-0.025	42.050	-0.025
36.968	0.036	36.995	0.033	37.023	0.026	37.035	0.024	42.074	-0.021	42.098	-0.014	42.132	-0.011	42.150	-0.004
37.065	0.014	37.084	0.009	37.114	0.003	37.133	-0.003	42.177	0.001	42.207	0.001	42.228	0.004	42.240	0.009
37.163	-0.011	37.178	-0.016	37.191	-0.018	37.206	-0.023	42.279	0.011	42.304	0.018	42.322	0.016	42.352	0.013
37.221	-0.023	37.240	-0.023	37.273	-0.026	37.276	-0.028	42.361	0.006	42.385	0.001	42.418	-0.002	42.445	-0.006
37.298	-0.028	37.316	-0.028	37.334	-0.023	37.359	-0.023	42.460	-0.011	42.469	-0.012	42.494	-0.012	42.518	-0.017
37.377	-0.023	37.398	-0.019	37.426	-0.019	37.453	-0.019	42.530	-0.017	42.533	-0.019	42.566	-0.024	42.584	-0.024
37.469	-0.019	37.499	-0.021	37.517	-0.021	37.545	-0.021	42.605	-0.026	42.638	-0.027	42.638	-0.027	42.662	-0.027
37.569	-0.022	37.590	-0.031	37.618	-0.032	37.642	-0.036	42.686	-0.027	42.723	-0.024	42.738	-0.019	42.759	-0.012
37.666	-0.042	37.703	-0.044	37.718	-0.044	37.743	-0.044	42.768	-0.009	42.801	-0.004	42.837	0.001	42.840	0.005
37.761	-0.044	37.779	-0.042	37.806	-0.042	37.831	-0.042	42.855	0.010	42.876	0.013	42.915	0.015	42.933	0.018
37.861	-0.038	37.889	-0.038	37.910	-0.037	37.943	-0.032	42.954	0.025	42.976	0.025	42.994	0.030	43.025	0.028
37.980	-0.027	38.004	-0.025	38.031	-0.018	38.064	-0.011	43.052	0.032	43.086	0.032	43.117	0.028	43.138	0.027
38.073	-0.005	38.100	-0.005	38.133	0.002	38.142	0.005	43.154	0.027	43.182	0.027	43.157	0.027	43.228	0.027
38.178	0.017	38.208	0.022	38.235	0.022	38.256	0.026	43.249	0.029	43.265	0.029	43.258	0.027	43.308	0.025
38.292	0.033	38.316	0.041	38.337	0.044	38.364	0.049	43.323	0.024	43.338	0.020	43.357	0.017	43.388	0.015
38.391	0.051	38.415	0.051	38.437	0.048	38.452	0.047	43.422	0.014	43.431	0.012	43.455	0.008	43.468	0.007
38.479	0.042	38.509	0.039	38.524	0.032	38.557	0.032	43.486	0.005	43.520	0.002	43.542	-0.003	43.545	-0.009
38.608	0.032	38.627	0.028	38.633	0.025	38.665	0.021	43.569	-0.014	43.591	-0.016	43.606	-0.021	43.625	-0.026
38.660	0.018	38.693	0.011	38.708	0.008	38.750	0.003	43.646	-0.030	43.658	-0.033	43.674	-0.035	43.702	-0.035
38.766	-0.001	38.790	-0.003	38.799	-0.003	38.835	-0.003	43.720	-0.037	43.742	-0.040	43.766	-0.041	43.800	-0.046
38.841	-0.004	38.853	0.001	38.874	-0.001	38.895	-0.001	43.815	-0.048	43.840	-0.051	43.862	-0.052	43.889	-0.052
38.914	0.001	38.935	0.001	38.956	0.001	38.971	0.006	43.911	-0.055	43.929	-0.056	43.954	-0.051	43.975	-0.044
38.980	0.007	39.001	0.009	39.010	0.009	39.031	0.006	44.000	-0.034	44.036	-0.033	44.049	-0.030	44.110	-0.016
39.044	0.005	39.065	0.005	39.092	0.002	39.122	-0.003	44.137	-0.004	44.162	0.008	44.174	0.015	44.198	0.025
39.131	-0.003	39.162	-0.005	39.174	-0.011	39.204	-0.013	44.223	0.037	44.262	0.045	44.266	0.056	44.296	0.059
39.237	-0.018	39.252	-0.022	39.277	-0.022	39.298	-0.020	44.333	0.061	44.375	0.060	44.388	0.060	44.449	0.051
39.322	-0.018	39.346	-0.018	39.379	-0.010	39.407	-0.010	44.476	0.051	44.498	0.046	44.513	0.045	44.553	0.041
39.428	-0.010	39.440	-0.006	39.467	-0.001	39.479	0.004	44.599	0.036	44.645	0.031	44.660	0.028	44.685	0.023
39.500	0.007	39.509	0.014	39.540	0.012	39.549	0.012	44.719	0.021	44.768	0.017	44.766	0.016	44.808	0.014
39.573	0.016	39.600	0.017	39.609	0.017	39.636	0.017	44.857	0.014	44.882	0.014	44.915	0.014	44.940	0.016
39.657	0.017	39.696	0.017	39.705	0.012	39.726	0.011	44.965	0.016	44.995	0.016	45.014	0.015	45.038	0.013
39.756	0.005	39.802	0.000	39.817	-0.001	39.832	-0.005	45.056	0.010	45.081	0.006	45.084	0.005	45.114	0.005

45.133	0.005	45.139	0.005	45.154	0.001	45.163	0.001	50.499	-0.008	50.523	-0.010	50.541	-0.006	50.566	-0.010
45.185	-0.000	45.209	-0.000	45.218	-0.000	45.261	-0.000	50.578	-0.011	50.605	-0.016	50.632	-0.016	50.674	-0.016
45.285	-0.004	45.310	-0.002	45.340	-0.002	45.368	-0.002	50.690	-0.016	50.705	-0.016	50.759	-0.016	50.789	-0.016
45.383	-0.002	45.389	-0.007	45.429	-0.002	45.444	-0.003	50.808	-0.016	50.811	-0.016	50.856	-0.016	50.877	-0.016
45.456	-0.003	45.487	0.000	45.508	0.007	45.532	0.000	50.926	-0.015	50.965	-0.013	50.983	-0.013	51.017	-0.010
45.563	0.000	45.584	0.002	45.614	0.004	45.626	0.004	51.056	-0.011	51.075	-0.011	51.099	-0.006	51.105	-0.005
45.642	0.005	45.672	0.007	45.711	0.010	45.751	0.019	51.166	-0.005	51.190	-0.001	51.215	-0.001	51.233	0.005
45.754	0.019	45.781	0.019	45.799	0.017	45.815	0.017	51.254	0.011	51.288	0.016	51.315	0.021	51.349	0.021
45.845	0.019	45.863	0.019	45.872	0.019	45.903	0.017	51.385	0.027	51.398	0.029	51.431	0.029	51.465	0.034
45.909	0.021	45.939	0.019	45.945	0.019	45.969	0.019	51.474	0.034	51.507	0.034	51.535	0.034	51.559	0.034
45.979	0.017	46.006	0.014	46.015	0.010	46.034	0.007	51.586	0.034	51.601	0.034	51.635	0.036	51.653	0.036
46.074	-0.002	46.092	-0.005	46.126	-0.009	46.129	-0.010	51.671	0.034	51.701	0.033	51.716	0.029	51.741	0.022
46.150	-0.014	46.187	-0.017	46.209	-0.024	46.212	-0.024	51.804	0.019	51.829	0.012	51.853	0.011	51.895	0.007
46.255	-0.024	46.264	-0.024	46.292	-0.024	46.310	-0.021	51.922	0.007	51.950	0.002	51.977	0.002	51.998	0.000
46.335	-0.023	46.338	-0.021	46.353	-0.021	46.372	-0.021	52.047	-0.005	52.053	-0.005	52.081	-0.003	52.090	-0.003
46.402	-0.018	46.424	-0.019	46.458	-0.016	46.482	-0.014	52.105	-0.006	52.142	-0.006	52.167	-0.006	52.194	-0.008
46.498	-0.009	46.519	-0.011	46.553	-0.011	46.574	-0.011	52.225	-0.010	52.231	-0.010	52.249	-0.010	52.267	-0.011
46.587	-0.008	46.614	-0.003	46.639	-0.001	46.660	0.002	52.304	-0.011	52.310	-0.011	52.350	-0.011	52.378	-0.010
46.700	0.002	46.734	0.002	46.761	0.004	46.774	0.004	52.417	-0.010	52.423	-0.006	52.448	-0.006	52.475	-0.006
46.798	0.006	46.823	0.004	46.860	0.004	46.863	0.004	52.506	-0.006	52.533	-0.006	52.561	-0.006	52.570	-0.003
46.903	0.004	46.936	0.006	46.961	0.007	46.985	0.011	52.585	-0.005	52.606	-0.005	52.625	-0.006	52.649	-0.006
47.034	0.014	47.062	0.016	47.080	0.011	47.105	0.009	52.676	-0.006	52.704	-0.006	52.731	-0.005	52.749	-0.002
47.123	0.006	47.148	0.009	47.154	0.009	47.194	0.009	52.768	0.002	52.804	0.002	52.826	0.005	52.853	0.012
47.206	0.009	47.231	0.009	47.243	0.008	47.277	0.008	52.877	0.014	52.902	0.014	52.914	0.016	52.935	0.019
47.289	0.008	47.323	0.008	47.332	0.008	47.363	0.008	52.959	0.021	52.981	0.022	53.005	0.023	53.035	0.024
47.372	0.008	47.390	0.008	47.455	0.008	47.476	0.008	53.060	0.028	53.072	0.028	53.084	0.028	53.127	0.028
47.488	0.006	47.516	0.004	47.550	0.004	47.578	0.003	53.145	0.026	53.166	0.025	53.178	0.023	53.221	0.021
47.603	0.001	47.637	0.001	47.662	-0.001	47.678	-0.002	53.227	0.016	53.273	0.015	53.300	0.012	53.318	0.008
47.687	-0.002	47.733	-0.004	47.771	-0.007	47.802	-0.011	53.342	0.008	53.358	0.008	53.397	0.008	53.406	0.009
47.823	-0.011	47.864	-0.010	47.901	-0.005	47.926	-0.004	53.422	0.005	53.464	0.005	53.495	0.007	53.507	0.009
47.938	-0.004	47.960	-0.004	48.009	-0.004	48.034	-0.009	53.548	0.009	53.566	0.011	53.597	0.016	53.616	0.017
48.059	-0.010	48.074	-0.010	48.093	-0.014	48.130	-0.017	53.619	0.012	53.660	0.012	53.694	0.007	53.728	0.007
48.161	-0.017	48.183	-0.012	48.229	-0.014	48.235	-0.004	53.753	0.007	53.793	0.007	53.818	0.007	53.852	0.007
48.282	0.002	48.334	0.003	48.378	0.003	48.403	0.022	53.871	0.009	53.902	0.004	53.908	0.005	53.936	0.002
48.434	0.028	48.452	0.034	48.477	0.035	48.508	0.039	53.964	0.002	53.983	0.000	54.008	0.002	54.029	0.005
48.527	0.038	48.555	0.040	48.577	0.040	48.595	0.037	54.048	0.005	54.066	0.005	54.085	0.005	54.100	0.005
48.605	0.037	48.626	0.032	48.661	0.032	48.679	0.027	54.115	0.007	54.152	0.002	54.174	0.000	54.205	-0.001
48.707	0.023	48.726	0.018	48.742	0.017	48.760	0.015	54.235	-0.005	54.242	-0.008	54.288	-0.010	54.318	-0.010
48.779	0.010	48.788	0.010	48.810	0.007	48.823	-0.000	54.340	-0.006	54.358	-0.008	54.368	-0.008	54.405	-0.008
48.838	-0.003	48.866	-0.003	48.900	-0.003	48.925	-0.002	54.420	-0.006	54.445	-0.005	54.457	-0.005	54.491	-0.005
48.960	0.004	48.966	0.004	48.985	0.009	49.003	0.009	54.512	-0.001	54.549	0.000	54.576	0.004	54.591	0.005
49.022	0.012	49.051	0.012	49.079	0.014	49.101	0.019	54.615	0.005	54.643	0.012	54.658	0.012	54.667	0.012
49.113	0.019	49.148	0.017	49.173	0.019	49.186	0.019	54.682	0.012	54.713	0.012	54.749	0.012	54.774	0.014
49.204	0.019	49.233	0.016	49.251	0.016	49.255	0.016	54.801	0.012	54.829	0.012	54.856	0.016	54.874	0.016
49.292	0.011	49.321	0.005	49.333	0.007	49.361	0.007	54.896	0.016	54.929	0.012	54.947	0.012	54.996	0.009
49.383	0.009	49.408	0.014	49.437	0.014	49.468	0.009	55.048	0.000	55.079	0.002	55.103	0.002	55.116	0.002
49.484	0.014	49.499	0.016	49.536	0.019	49.558	0.019	55.165	0.002	55.229	0.002	55.250	0.000	55.275	0.000
49.579	0.021	49.616	0.021	49.628	0.019	49.678	0.019	55.290	0.000	55.315	0.000	55.336	0.000	55.385	0.000
49.699	0.019	49.715	0.019	49.730	0.017	49.758	0.017	55.419	0.000	55.446	0.000	55.452	0.000	55.486	0.000
49.785	0.016	49.819	0.016	49.828	0.014	49.862	0.011	55.522	-0.001	55.568	-0.001	55.571	-0.001	55.598	-0.001
49.881	0.007	49.896	0.005	49.933	0.002	49.970	0.000	55.631	-0.001	55.655	-0.003	55.673	-0.003	55.703	-0.003
49.997	-0.006	50.015	-0.006	50.054	-0.006	50.072	-0.011	55.724	-0.003	55.749	-0.008	55.764	-0.008	55.785	-0.008
50.084	-0.015	50.126	-0.015	50.144	-0.015	50.159	-0.016	55.815	-0.008	55.842	-0.008	55.863	-0.008	55.893	-0.010
50.174	-0.016	50.199	-0.016	50.220	-0.016	50.238	-0.016	55.905	-0.011	55.926	-0.011	55.939	-0.011	55.960	-0.011
50.262	-0.018	50.292	-0.018	50.310	-0.015	50.340	-0.013	55.981	-0.011	56.005	-0.005	56.032	-0.005	56.054	0.000
50.367	-0.011	50.391	-0.008	50.418	-0.003	50.466	-0.003	56.093	-0.001	56.135	0.004	56.172	0.006	56.199	0.011

56.223	0.011	56.241	0.013	56.275	0.013	56.305	0.016
56.335	0.020	56.354	0.018	56.393	0.015	56.414	0.015
56.441	0.006	56.469	0.010	56.502	0.006	56.530	0.006
56.574	0.005	56.592	0.002	56.611	0.002	56.639	0.005
56.676	0.010	56.722	0.013	56.753	0.015	56.787	0.017
56.809	0.017	56.837	0.017	56.858	0.015	56.865	0.015
56.911	0.015	56.917	0.015	56.951	0.015	56.976	0.017
57.010	0.017	57.044	0.017	57.051	0.017	57.094	0.016
57.100	0.016	57.138	0.016	57.203	0.014	57.219	0.012
57.272	0.009	57.293	0.005	57.343	0.002	57.374	0.005
57.396	0.008	57.458	0.008	57.496	0.015	57.524	0.018
57.542	0.020	57.549	0.020	57.570	0.020	57.598	0.016
57.630	0.016	57.667	0.016	57.686	0.015	57.720	0.010
57.783	0.008	57.804	0.008	57.854	0.010	57.886	0.010
57.914	0.008	57.945	0.006	57.960	0.005	57.979	0.005
57.982	0.006	58.017	0.006	58.051	0.006	58.077	0.005
58.108	0.005	58.130	0.000	58.174	0.009	58.218	0.009
58.231	0.009	58.259	0.006	58.275	0.006	58.322	0.006
58.360	0.006	58.378	0.004	58.404	0.004	58.435	0.004
58.457	0.007	58.479	0.008	58.495	0.006	58.519	0.006
58.526	0.006	58.557	0.006	58.588	0.006	58.615	0.006
58.637	0.008	58.649	0.011	58.674	0.013	58.699	0.017
58.718	0.022	58.742	0.022	58.764	0.025	58.792	0.024
58.820	0.027	58.826	0.025	58.845	0.024	58.872	0.014
58.922	0.009	58.937	0.007	58.968	0.006	58.993	0.004
59.026	0.000	59.054	0.002	59.081	0.002	59.117	0.005
59.142	0.006	59.172	0.008	59.205	0.009	59.214	0.009
59.245	0.010	59.275	0.012	59.293	0.012	59.336	0.015
59.360	0.014	59.378	0.016	59.400	0.018	59.427	0.019
59.454	0.019	59.479	0.019	59.506	0.020	59.530	0.020
59.549	0.020	59.567	0.018	59.591	0.016	59.610	0.016
59.631	0.013	59.655	0.009	59.683	0.009	59.698	0.009
59.726	0.006	59.750	0.000	59.771	0.001	59.799	0.002
59.845	0.002	59.866	0.005	59.893	0.006	59.933	0.006
59.982	0.009	60.040	0.013	60.104	0.018	60.126	0.022
60.163	0.023	60.187	0.022	60.212	0.022	60.236	0.020
60.249	0.022	60.279	0.025				

68. 104 4/8/68 1830PST PASADENA - FACULTY CLUB

2213 PCINTS 60.411 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0101 G/10.

	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	
0.0	0.079	0.017	0.028	0.014	0.049	0.015	0.073	0.015	4.816	-0.017	4.847	-0.011	4.893	-0.006	4.944	-0.008	
0.079	0.017	0.107	0.007	0.014	0.119	-0.007	0.171	-0.002	4.978	-0.008	5.018	-0.008	5.063	-0.010	5.106	-0.007	
0.202	0.002	0.214	0.001	0.001	0.235	-0.006	0.242	-0.015	5.149	-0.001	5.185	-0.001	5.243	-0.002	5.258	0.005	
0.266	-0.015	0.287	-0.012	0.318	-0.009	0.336	-0.009	0.336	-0.009	5.301	0.004	5.356	0.001	5.386	0.001	5.432	-0.000
0.367	-0.012	0.385	-0.015	0.407	-0.015	0.425	-0.020	0.425	-0.019	5.468	-0.004	5.511	-0.007	5.569	-0.015	5.618	-0.011
0.459	-0.027	0.486	-0.028	0.508	-0.025	0.508	-0.019	0.526	-0.019	5.630	-0.011	5.679	-0.007	5.718	-0.002	5.755	0.001
0.563	-0.014	0.569	-0.006	0.596	0.010	0.610	0.015	0.618	0.015	5.792	0.004	5.828	0.002	5.868	-0.004	5.908	0.004
0.655	0.017	0.698	0.017	0.720	0.010	0.720	0.003	0.757	-0.003	5.947	0.002	5.978	0.002	6.021	0.001	6.039	0.003
0.778	-0.004	0.803	-0.001	0.828	0.002	0.828	0.002	0.876	-0.002	6.060	-0.000	6.100	-0.002	6.103	-0.002	6.130	-0.005
0.902	-0.009	0.926	-0.003	0.948	0.003	0.948	0.003	0.976	-0.005	6.164	-0.010	6.188	-0.014	6.216	-0.015	6.252	-0.015
1.004	-0.009	1.025	-0.011	1.044	-0.011	1.044	-0.011	1.062	-0.018	6.270	-0.016	6.304	-0.014	6.313	-0.016	6.328	-0.016
1.081	-0.021	1.124	-0.019	1.133	-0.008	1.133	-0.008	1.164	-0.002	6.353	-0.016	6.386	-0.016	6.386	-0.014	6.414	-0.009
1.186	-0.003	1.235	-0.006	1.250	-0.001	1.250	-0.001	1.272	0.005	6.459	-0.003	6.499	0.000	6.508	-0.002	6.544	0.002
1.315	0.012	1.337	0.008	1.383	0.008	1.383	0.008	1.411	0.007	6.563	-0.002	6.590	-0.002	6.618	-0.002	6.652	0.001
1.441	0.009	1.460	0.009	1.481	0.007	1.481	0.010	1.518	0.007	6.683	0.006	6.714	0.001	6.748	0.017	6.760	0.008
1.540	0.010	1.571	0.007	1.595	-0.003	1.595	-0.003	1.626	-0.007	6.791	0.001	6.831	0.001	6.856	0.001	6.884	-0.000
1.647	-0.014	1.672	-0.019	1.702	-0.024	1.702	-0.024	1.739	-0.027	6.893	-0.007	6.927	-0.015	6.961	-0.015	6.995	-0.015
1.770	-0.027	1.791	-0.024	1.825	0.021	1.825	0.021	1.843	-0.016	7.010	-0.013	7.059	-0.012	7.091	-0.007	7.103	-0.005
1.868	-0.008	1.898	0.005	1.923	0.003	1.923	0.003	1.953	-0.005	7.131	-0.002	7.164	-0.002	7.184	-0.002	7.213	-0.002
1.999	-0.010	2.033	-0.005	2.060	-0.005	2.060	-0.005	2.085	-0.005	7.250	-0.002	7.275	-0.002	7.294	-0.005	7.316	-0.010
2.134	-0.005	2.170	-0.005	2.207	-0.005	2.207	-0.005	2.235	-0.006	7.337	-0.017	7.387	-0.017	7.418	-0.018	7.453	-0.015
2.271	-0.006	2.277	-0.006	2.320	-0.006	2.320	-0.006	2.378	-0.006	7.478	-0.007	7.525	-0.001				

9.671	-0.003	9.699	0.002	9.730	0.005	9.770	0.007	16.570	0.000	16.594	-0.010	16.636	-0.014	16.668	-0.019
9.813	0.005	9.854	-0.001	9.866	-0.006	9.897	-0.014	16.689	-0.014	16.710	-0.008	16.731	-0.005	16.764	0.000
9.922	-0.008	9.962	-0.008	9.981	0.002	10.024	0.005	16.791	0.000	16.808	0.000	16.853	0.000	16.874	0.000
10.049	0.003	10.061	0.008	10.105	0.003	10.139	0.005	16.910	0.000	16.960	-0.001	16.981	0.012	17.014	0.018
10.155	-0.005	10.193	-0.006	10.208	-0.006	10.227	-0.006	17.044	0.016	17.071	0.016	17.089	0.018	17.119	0.018
10.249	-0.007	10.281	-0.007	10.299	-0.006	10.324	-0.006	17.152	0.018	17.167	0.018	17.194	0.012	17.218	0.007
10.356	-0.006	10.396	-0.011	10.415	-0.011	10.437	-0.006	17.248	0.008	17.266	0.012	17.299	0.021	17.320	0.026
10.475	-0.003	10.503	0.000	10.531	0.003	10.563	0.006	17.353	0.031	17.377	0.032	17.410	0.034	17.419	0.031
10.581	0.006	10.603	0.002	10.631	-0.002	10.662	-0.000	17.449	0.032	17.474	0.013	17.510	0.015	17.543	0.011
10.686	-0.000	10.717	-0.000	10.741	-0.000	10.772	0.001	17.570	0.020	17.591	0.030	17.634	0.030	17.646	0.024
10.800	0.003	10.827	0.006	10.846	0.006	10.861	0.003	17.652	0.013	17.689	0.011	17.722	0.014	17.753	0.011
10.895	-0.007	10.938	-0.015	10.947	-0.015	10.996	-0.016	17.787	0.010	17.805	0.010	17.835	0.010	17.848	0.013
11.042	-0.016	11.073	-0.015	11.092	-0.009	11.122	-0.004	17.897	0.013	17.927	0.013	17.930	0.016	17.961	0.018
11.165	-0.002	11.201	0.003	11.234	-0.001	11.253	-0.001	18.013	0.016	18.028	0.005	18.065	-0.004	18.105	-0.009
11.286	-0.001	11.317	-0.001	11.335	-0.001	11.371	-0.001	18.132	-0.006	18.171	-0.006	18.196	-0.003	18.238	0.005
11.396	-0.001	11.435	0.001	11.444	0.002	11.493	0.002	18.253	0.008	18.275	0.019	18.290	0.006	18.326	0.011
11.523	-0.006	11.569	-0.006	11.593	-0.013	11.608	-0.014	18.348	0.011	18.393	0.007	18.411	0.007	18.451	0.007
11.642	-0.011	11.673	-0.008	11.706	-0.006	11.731	-0.008	18.472	0.012	18.475	0.003	18.515	0.003	18.545	0.003
11.755	-0.009	11.774	-0.003	11.817	-0.003	11.835	-0.003	18.573	0.003	18.576	-0.004	18.606	-0.009	18.655	-0.017
11.866	-0.001	11.896	0.004	11.924	-0.003	11.951	-0.001	18.692	-0.016	18.701	-0.017	18.728	-0.017	18.768	-0.008
11.964	-0.001	12.000	-0.001	12.043	0.002	12.077	0.000	18.771	-0.000	18.811	0.006	18.850	0.007	18.884	0.010
12.098	0.005	12.141	0.007	12.169	0.008	12.221	0.010	18.899	0.005	18.911	-0.004	18.948	-0.008	18.973	-0.008
12.264	0.012	12.294	0.005	12.325	0.002	12.374	-0.006	19.009	-0.007	19.034	-0.007	19.049	-0.000	19.082	0.011
12.398	-0.014	12.426	-0.014	12.472	-0.009	12.499	-0.006	19.116	0.018	19.153	0.018	19.184	0.018	19.190	0.021
12.533	-0.008	12.563	-0.008	12.572	-0.008	12.588	-0.008	19.221	0.026	19.246	0.021	19.268	0.003	19.289	0.003
12.634	-0.005	12.667	-0.007	12.695	-0.008	12.716	-0.015	19.332	-0.000	19.379	0.001	19.400	-0.002	19.437	-0.006
12.750	-0.015	12.777	-0.010	12.793	-0.010	12.826	-0.004	19.444	0.004	19.477	0.020	19.518	0.010	19.542	0.002
12.869	0.006	12.909	0.011	12.930	0.007	12.967	0.007	19.576	-0.011	19.601	-0.007	19.638	-0.002	19.662	-0.004
13.019	0.003	13.053	-0.004	13.065	0.004	13.102	0.002	19.696	-0.009	19.736	-0.009	19.745	-0.016	19.781	-0.021
13.135	0.002	13.154	0.001	13.194	-0.002	13.221	-0.002	19.800	-0.021	19.837	-0.021	19.870	-0.018	19.904	-0.012
13.271	-0.002	13.311	-0.001	13.350	-0.002	13.381	0.001	19.922	-0.004	19.944	-0.004	19.959	-0.007	19.990	-0.016
13.393	0.001	13.440	-0.001	13.479	-0.001	13.501	0.001	20.014	-0.014	20.033	-0.016	20.051	-0.016	20.088	-0.016
13.553	0.004	13.590	0.012	13.611	0.008	13.641	0.006	20.106	-0.014	20.115	-0.010	20.137	-0.010	20.174	-0.005
13.698	0.006	13.746	0.001	13.771	-0.002	13.795	0.001	20.186	-0.005	20.217	-0.005	20.217	-0.004	20.248	-0.002
13.834	-0.002	13.837	-0.008	13.882	-0.008	13.915	-0.008	20.275	-0.001	20.309	0.006	20.312	0.010	20.349	0.013
13.954	-0.008	13.966	-0.008	14.020	-0.008	14.059	-0.005	20.359	0.010	20.389	0.018	20.411	0.028	20.439	0.023
14.101	-0.000	14.134	0.006	14.170	0.006	14.212	0.003	20.463	0.013	20.479	0.008	20.515	0.003	20.531	0.012
14.257	0.002	14.275	0.008	14.323	0.003	14.374	0.003	20.559	0.012	20.577	0.009	20.596	0.007	20.608	0.010
14.386	0.003	14.440	0.005	14.491	0.003	14.535	0.002	20.630	0.010	20.655	0.010	20.689	0.010	20.704	0.007
14.559	0.002	14.568	0.002	14.623	-0.002	14.672	-0.002	20.717	0.008	20.757	0.011	20.779	-0.006	20.807	-0.010
14.681	0.005	14.724	0.008	14.770	0.014	14.819	0.017	20.847	-0.010	20.882	-0.007	20.903	-0.007	20.953	0.009
14.856	0.009	14.893	0.008	14.926	-0.000	14.945	0.004	20.978	0.009	20.997	0.010	21.019	0.012	21.047	0.008
14.978	0.004	15.000	0.004	15.030	0.004	15.052	0.007	21.081	0.005	21.099	0.015	21.121	0.022	21.155	0.029
15.079	0.007	15.113	0.011	15.223	0.003	15.159	0.011	21.176	0.030	21.207	0.030	21.241	0.025	21.257	0.014
15.180	0.012	15.198	0.011	15.263	0.007	15.263	0.007	21.288	0.002	21.328	-0.001	21.355	-0.001	21.380	-0.001
15.293	0.010	15.318	0.017	15.369	0.022	15.382	0.025	21.389	0.002	21.430	0.000	21.467	-0.002	21.476	-0.008
15.421	0.025	15.464	0.020	15.516	0.017	15.528	0.012	21.510	-0.008	21.522	-0.007	21.559	-0.005	21.565	0.004
15.562	0.004	15.580	0.002	15.611	0.000	15.641	0.007	21.584	0.012	21.621	-0.017	21.658	0.016	21.686	0.012
15.675	0.007	15.717	0.018	15.751	0.015	15.781	0.013	21.711	0.002	21.736	0.000	21.745	0.005	21.773	0.005
15.809	0.007	15.848	0.005	15.888	0.002	15.919	0.006	21.792	0.005	21.833	0.005	21.838	0.005	21.863	-0.000
15.928	0.016	15.967	0.011	16.001	0.009	16.028	0.004	21.875	-0.007	21.897	-0.017	21.922	-0.023	21.931	-0.023
16.056	-0.000	16.080	-0.004	16.105	-0.009	16.138	-0.014	21.944	-0.017	21.956	-0.014	21.987	-0.006	22.015	-0.003
16.159	-0.018	16.171	-0.018	16.223	-0.012	16.244	-0.003	22.043	-0.006	22.077	-0.009	22.080	-0.016	22.117	-0.019
16.278	0.002	16.296	0.012	16.320	0.005	16.372	-0.003	22.139	-0.021	22.158	-0.010	22.205	-0.010	22.223	-0.008
16.381	-0.011	16.427	-0.011	16.433	-0.013	16.466	-0.006	22.245	0.001	22.280	0.001	22.333	0.001	22.354	-0.005
16.472	-0.001	16.494	0.010	16.518	0.010	16.548	0.008	22.376	-0.010	22.408	-0.012	22.420	-0.012	22.454	-0.012

22.486	-0.019	22.501	-0.022	22.523	-0.022	22.548	-0.024	27.954	0.008	27.976	0.001	27.991	-0.005	28.028	-0.007
22.570	-0.024	22.573	-0.021	22.598	-0.013	22.616	-0.014	28.043	-0.009	28.085	-0.009	28.122	-0.009	28.144	-0.009
22.635	-0.017	22.660	-0.018	22.684	-0.013	22.709	-0.003	28.162	-0.008	28.178	-0.008	28.208	-0.008	28.230	-0.010
22.740	0.001	22.765	0.001	22.777	-0.002	22.799	-0.002	28.254	-0.013	28.276	-0.015	28.301	-0.020	28.304	-0.022
22.811	-0.004	22.824	-0.002	22.842	-0.003	22.864	0.006	28.331	-0.022	28.356	-0.022	28.377	-0.022	28.402	-0.017
22.883	0.014	22.926	0.004	22.957	0.001	22.982	-0.002	28.405	-0.016	28.436	-0.004	28.463	-0.004	28.466	0.002
22.991	-0.002	23.019	-0.004	23.034	-0.001	23.056	-0.007	28.479	0.007	28.506	0.003	28.528	0.000	28.559	0.005
23.090	-0.007	23.099	-0.003	23.118	0.010	23.146	0.017	28.598	0.011	28.616	0.013	28.640	0.013	28.664	0.013
23.164	0.016	23.180	0.020	23.198	0.026	23.204	0.036	28.694	0.016	28.730	0.016	28.748	0.017	28.785	0.019
23.241	0.042	23.263	0.032	23.288	0.024	23.318	0.010	28.803	0.015	28.845	0.014	28.869	0.009	28.884	0.006
23.337	-0.005	23.365	-0.018	23.389	-0.029	23.411	-0.024	28.899	0.011	28.920	-0.006	28.932	-0.011	28.965	-0.012
23.436	-0.024	23.454	-0.018	23.494	-0.020	23.541	-0.013	28.992	-0.012	29.022	-0.015	29.055	-0.014	29.079	-0.011
23.562	-0.004	23.575	0.004	23.593	0.009	23.621	0.014	29.124	-0.008	29.159	-0.003	29.195	-0.003	29.210	-0.003
23.666	0.009	23.669	0.007	23.703	0.005	23.730	0.005	29.240	-0.006	29.294	-0.008	29.300	-0.004	29.330	-0.004
23.736	0.004	23.758	0.010	23.767	0.012	23.803	0.019	29.368	0.005	29.395	0.002	29.428	0.000	29.446	0.000
23.816	0.024	23.843	0.021	23.868	0.018	23.895	0.014	29.467	0.000	29.509	0.000	29.521	0.013	29.548	0.016
23.898	0.001	23.907	0.001	23.944	-0.002	23.965	-0.002	29.568	0.018	29.598	0.016	29.641	0.013	29.674	0.002
23.977	0.006	24.020	0.003	24.044	0.004	24.047	0.017	29.698	0.002	29.710	-0.005	29.731	-0.006	29.755	-0.005
24.084	0.017	24.090	0.004	24.114	-0.003	24.141	-0.009	29.773	-0.003	29.788	0.003	29.818	0.009	29.851	0.005
24.150	-0.009	24.208	-0.009	24.217	-0.006	24.238	-0.006	29.863	0.005	29.881	0.008	29.915	0.004	29.927	0.008
24.256	-0.006	24.289	-0.006	24.337	-0.008	24.353	-0.016	29.954	0.004	29.984	0.003	30.002	0.003	30.014	-0.001
24.356	-0.023	24.383	-0.027	24.419	-0.023	24.446	-0.020	30.044	-0.005	30.065	-0.007	30.098	-0.001	30.134	-0.001
24.461	-0.016	24.491	-0.015	24.515	-0.012	24.546	-0.001	30.158	-0.006	30.194	-0.007	30.215	-0.003	30.247	-0.001
24.576	0.007	24.612	0.010	24.652	0.007	24.671	0.005	30.274	-0.004	30.298	-0.008	30.340	-0.005	30.367	-0.006
24.689	0.005	24.723	0.005	24.760	0.005	24.791	0.004	30.381	-0.002	30.408	-0.006	30.438	-0.003	30.471	0.001
24.821	-0.004	24.837	0.003	24.883	-0.001	24.898	-0.001	30.516	-0.002	30.545	-0.000	30.575	-0.002	30.593	-0.010
24.932	-0.002	24.966	-0.002	24.993	-0.000	25.012	0.002	30.608	-0.007	30.650	-0.018	30.690	-0.012	30.726	-0.006
25.024	-0.000	25.055	-0.000	25.082	-0.000	25.104	0.005	30.777	0.007	30.798	0.005	30.831	0.010	30.831	0.010
25.144	0.001	25.181	0.003	25.190	-0.004	25.203	-0.007	30.859	0.011	30.919	0.014	30.940	0.009	30.958	0.012
25.230	-0.010	25.255	-0.009	25.267	-0.007	25.289	-0.004	30.979	0.016	30.994	0.015	31.021	0.014	31.040	0.015
25.326	0.001	25.350	0.002	25.366	-0.002	25.391	0.001	31.055	0.017	31.079	0.015	31.100	0.009	31.112	0.015
25.431	0.001	25.443	-0.006	25.468	-0.001	25.498	-0.001	31.149	0.018	31.174	0.018	31.189	0.020	31.217	0.019
25.517	0.005	25.548	0.010	25.572	0.013	25.585	0.016	31.236	0.021	31.260	0.024	31.285	0.027	31.310	0.024
25.618	0.015	25.627	0.012	25.654	0.013	25.675	0.011	31.331	0.021	31.344	0.011	31.365	0.008	31.396	-0.003
25.796	-0.002	25.817	0.002	25.838	0.008	25.853	0.010	31.421	-0.011	31.436	-0.005	31.461	-0.005	31.482	-0.008
25.711	0.008	25.729	0.005	25.747	-0.003	25.769	-0.006	31.522	-0.010	31.538	-0.012	31.562	-0.015	31.587	-0.015
25.889	0.016	25.904	0.019	25.940	0.021	25.964	0.024	31.612	-0.024	31.648	-0.023	31.654	-0.025	31.697	-0.020
25.982	0.019	25.994	0.022	26.013	0.017	26.031	0.011	31.700	-0.017	31.746	-0.013	31.765	-0.012	31.792	-0.007
26.055	0.001	26.082	-0.007	26.097	-0.009	26.130	-0.012	31.814	-0.002	31.838	-0.002	31.869	-0.005	31.884	-0.007
26.142	-0.006	26.155	-0.001	26.197	0.007	26.240	0.002	31.918	-0.012	31.930	-0.018	31.948	-0.020	31.973	-0.021
26.273	0.004	26.288	0.007	26.309	0.000	26.328	0.000	32.016	-0.018	32.043	-0.011	32.053	-0.013	32.095	-0.007
26.358	0.008	26.406	0.008	26.419	0.008	26.467	0.010	32.123	-0.003	32.144	0.001	32.171	0.003	32.207	-0.006
26.476	0.005	26.516	0.002	26.540	-0.003	26.558	-0.005	32.244	0.010	32.274	0.014	32.292	0.016	32.317	0.016
26.576	-0.013	26.610	-0.013	26.628	-0.005	26.647	0.003	32.326	0.013	32.350	0.013	32.377	0.011	32.398	0.011
26.674	-0.000	26.702	0.004	26.742	-0.000	26.766	-0.001	32.420	0.011	32.447	0.012	32.459	0.011	32.498	0.011
26.785	0.003	26.812	-0.007	26.849	-0.007	26.871	-0.012	32.517	0.011	32.532	0.014	32.559	0.012	32.580	0.012
26.908	-0.012	26.932	-0.012	26.951	-0.012	26.975	-0.007	32.617	0.012	32.635	0.011	32.684	0.004	32.721	0.001
27.043	0.001	27.046	0.007	27.070	0.018	27.101	0.012	32.745	-0.009	32.770	-0.012	32.794	-0.019	32.828	-0.022
27.128	0.005	27.182	0.005	27.204	0.010	27.231	0.000	32.849	-0.024	32.861	-0.028	32.898	-0.029	32.917	-0.022
27.261	-0.008	27.301	-0.008	27.322	-0.003	27.349	-0.005	32.935	-0.032	32.972	-0.030	32.981	-0.030	33.008	-0.024
27.364	-0.008	27.382	-0.008	27.419	-0.002	27.437	-0.002	33.027	-0.024	33.054	-0.018	33.076	-0.018	33.094	-0.015
27.470	-0.002	27.489	-0.003	27.516	-0.006	27.540	-0.011	33.106	-0.016	33.122	-0.018	33.146	-0.015	33.192	-0.008
27.543	-0.006	27.592	-0.006	27.610	-0.005	27.613	0.007	33.207	-0.008	33.217	-0.004	33.253	-0.000	33.284	-0.005
27.646	0.005	27.677	0.003	27.710	0.003	27.732	0.008	33.315	-0.000	33.327	0.004	33.358	0.008	33.388	0.014
27.750	0.004	27.765	0.009	27.811	0.018	27.835	0.025	33.413	0.016	33.425	0.020	33.431	0.020	33.459	0.017
27.851	0.021	27.872	0.015	27.896	0.015	27.924	0.014	33.490	0.019	33.502	0.019	33.539	0.017	33.554	0.017

33.576	0.017	33.621	0.017	33.661	0.016	33.673	0.009	33.692	-0.001	39.716	-0.002	39.734	-0.005	39.770	-0.006
33.706	0.006	33.725	0.001	33.749	-0.007	33.773	-0.010	39.812	-0.002	39.860	0.001	39.894	0.001	39.897	0.001
33.819	-0.013	33.847	-0.013	33.877	-0.016	33.913	-0.012	39.927	-0.001	39.954	0.002	39.993	0.007	40.002	0.007
33.932	-0.008	33.953	-0.010	33.977	-0.010	33.999	-0.010	40.026	0.007	40.071	0.010	40.086	0.012	40.111	0.013
34.032	-0.013	34.054	-0.013	34.066	-0.020	34.090	-0.018	40.138	0.013	40.156	0.013	40.166	0.011	40.193	0.011
34.133	-0.013	34.149	-0.011	34.179	-0.013	34.210	-0.010	40.227	0.010	40.257	0.006	40.273	0.005	40.327	-0.003
34.232	-0.007	34.269	-0.002	34.284	-0.006	34.321	0.006	40.364	-0.003	40.376	-0.005	40.392	-0.007	40.419	-0.008
34.367	0.010	34.370	0.010	34.404	0.010	34.454	0.009	40.462	-0.013	40.480	-0.012	40.502	-0.007	40.523	-0.004
34.512	0.009	34.528	0.009	34.558	0.009	34.592	0.009	40.541	-0.005	40.563	-0.001	40.575	-0.001	40.590	0.004
34.617	0.009	34.678	0.006	34.706	0.005	34.755	-0.005	40.615	0.007	40.639	0.012	40.673	0.015	40.682	0.020
34.780	-0.007	34.798	-0.010	34.835	-0.015	34.838	-0.013	40.706	0.017	40.719	0.021	40.749	0.018	40.774	0.020
34.872	-0.008	34.912	-0.008	34.933	-0.005	34.952	0.001	40.795	0.018	40.810	0.018	40.856	0.020	40.878	0.015
34.992	0.001	35.016	0.007	35.056	0.012	35.078	0.014	40.905	0.012	40.923	0.010	40.945	0.005	40.960	0.007
35.124	0.014	35.148	0.014	35.179	0.017	35.222	0.009	40.994	0.005	41.012	0.007	41.055	0.007	41.070	0.004
35.258	0.009	35.283	0.004	35.326	0.002	35.365	0.002	41.092	0.004	41.107	0.002	41.134	-0.006	41.150	-0.006
35.405	0.000	35.442	-0.003	35.460	-0.004	35.515	-0.011	41.159	-0.005	41.198	-0.004	41.226	-0.004	41.235	-0.004
35.540	-0.012	35.579	-0.017	35.625	-0.009	35.653	-0.005	41.268	-0.004	41.281	-0.006	41.308	-0.004	41.335	0.000
35.693	-0.005	35.699	-0.003	35.720	0.002	35.754	-0.001	41.345	-0.001	41.369	-0.001	41.403	0.000	41.415	-0.001
35.785	0.000	35.834	-0.005	35.837	-0.006	35.868	-0.001	41.430	-0.003	41.442	-0.003	41.464	-0.003	41.479	-0.004
35.889	0.002	35.911	0.011	35.926	0.013	35.966	0.013	41.512	-0.004	41.528	-0.004	41.555	-0.004	41.573	0.002
35.981	0.019	36.018	0.021	36.030	0.021	36.055	0.019	41.598	0.005	41.613	0.005	41.625	0.012	41.653	0.012
36.079	0.016	36.134	0.016	36.161	0.018	36.176	0.016	41.665	0.008	41.687	0.008	41.708	0.008	41.732	0.004
36.200	0.011	36.230	0.005	36.257	0.001	36.290	-0.002	41.760	0.004	41.785	0.004	41.827	0.002	41.837	-0.004
36.323	-0.008	36.362	-0.010	36.386	-0.013	36.422	-0.013	41.870	-0.006	41.892	-0.003	41.922	-0.003	41.928	-0.003
36.437	-0.013	36.464	-0.013	36.521	-0.013	36.545	-0.013	41.941	-0.003	41.971	-0.001	41.993	-0.001	42.005	-0.001
36.566	-0.008	36.556	-0.008	36.644	-0.007	36.653	-0.000	42.017	-0.001	42.048	0.002	42.057	0.002	42.103	0.002
36.689	-0.004	36.752	-0.001	36.767	0.001	36.794	0.014	42.112	0.002	42.133	0.000	42.157	0.000	42.172	-0.000
36.830	0.014	36.869	0.017	36.901	0.012	36.937	0.007	42.190	0.003	42.218	0.005	42.239	0.006	42.269	0.008
36.970	0.000	36.982	-0.006	37.012	-0.008	37.033	-0.008	42.281	0.008	42.305	0.011	42.320	0.016	42.332	0.011
37.069	-0.013	37.108	-0.013	37.145	-0.014	37.200	-0.018	42.356	0.011	42.377	0.011	42.392	0.011	42.429	0.011
37.218	-0.014	37.234	-0.016	37.258	-0.016	37.295	-0.015	42.447	0.011	42.489	0.009	42.504	0.009	42.522	0.009
37.316	-0.011	37.337	-0.007	37.359	-0.003	37.403	0.001	42.534	0.009	42.570	0.007	42.595	0.007	42.625	0.007
37.417	0.005	37.429	0.006	37.447	0.011	37.463	0.011	42.643	0.007	42.694	0.007	42.703	0.010	42.742	0.010
37.493	0.011	37.524	0.011	37.554	0.011	37.573	0.012	42.772	0.007	42.790	0.007	42.827	0.007	42.836	0.002
37.597	0.012	37.609	0.014	37.636	0.015	37.661	0.017	42.872	0.005	42.899	0.003	42.935	-0.002	42.944	-0.003
37.700	0.015	37.719	0.012	37.728	0.017	37.752	0.022	42.965	-0.006	43.007	-0.008	43.010	-0.015	43.031	-0.016
37.777	0.022	37.792	0.019	37.804	0.018	37.840	0.017	43.074	-0.021	43.092	-0.021	43.116	-0.020	43.150	-0.016
37.877	0.010	37.886	0.010	37.938	0.010	37.941	0.010	43.165	-0.013	43.181	-0.010	43.224	-0.007	43.255	-0.005
37.965	0.007	37.999	0.007	38.020	0.009	38.047	0.010	43.267	-0.007	43.301	-0.002	43.332	-0.007	43.347	-0.004
38.050	0.009	38.081	0.009	38.093	0.009	38.120	0.012	43.365	-0.007	43.381	-0.007	43.405	-0.006	43.418	-0.006
38.150	0.017	38.177	0.015	38.186	0.018	38.216	0.015	43.442	-0.004	43.458	-0.001	43.489	0.002	43.510	0.006
38.231	0.012	38.267	0.012	38.300	0.009	38.309	0.007	43.519	0.002	43.553	0.001	43.587	0.004	43.621	0.009
38.336	0.002	38.348	0.002	38.390	0.002	38.408	-0.001	43.664	0.004	43.682	0.004	43.704	0.006	43.732	0.006
38.420	0.002	38.456	0.002	38.480	0.006	38.507	0.001	43.750	0.006	43.787	0.004	43.818	0.004	43.845	0.002
38.553	-0.001	38.556	-0.004	38.580	-0.011	38.616	-0.020	43.907	0.002	43.929	0.002	43.953	0.001	43.975	0.001
38.652	-0.023	38.676	-0.023	38.688	-0.025	38.721	-0.023	43.996	0.001	44.027	-0.004	44.039	-0.004	44.073	-0.001
38.755	-0.022	38.773	-0.017	38.788	-0.015	38.809	-0.004	44.092	0.002	44.156	0.002	44.171	0.002	44.208	0.004
38.836	-0.007	38.857	-0.007	38.891	-0.009	38.924	-0.009	44.238	0.001	44.272	-0.004	44.290	-0.006	44.333	-0.006
38.942	-0.009	38.975	-0.008	38.996	-0.006	39.036	0.000	44.360	-0.009	44.382	-0.006	44.354	-0.006	44.421	-0.007
39.048	0.000	39.063	0.004	39.069	0.005	39.096	0.005	44.443	-0.006	44.476	-0.006	44.507	-0.004	44.531	-0.004
39.138	0.010	39.160	0.008	39.169	0.008	39.193	0.013	44.565	-0.001	44.580	-0.001	44.620	-0.001	44.626	0.001
39.205	0.013	39.238	0.016	39.284	0.020	39.299	0.023	44.663	0.009	44.697	0.009	44.712	0.007	44.728	0.014
39.302	0.029	39.329	0.031	39.350	0.035	39.365	0.032	44.761	0.014	44.767	0.014	44.814	0.011	44.838	0.012
39.384	0.031	39.411	0.029	39.426	0.029	39.450	0.021	44.872	0.012	44.909	0.012	44.921	0.012	44.943	0.011
39.471	0.021	39.492	0.019	39.523	0.014	39.556	0.009	44.979	0.006	45.092	0.011	45.019	0.009	45.044	0.006
39.571	0.009	39.592	0.009	39.625	0.006	39.668	-0.001	45.047	0.008	45.078	0.006	45.105	0.004	45.130	0.004

45.179	0.006	45.182	0.006	45.231	0.008	45.255	0.009	51.261	0.010	51.282	0.010	51.307	0.011	51.331	0.011
45.273	0.011	45.316	0.008	45.340	0.005	45.356	0.005	51.355	0.013	51.368	0.018	51.407	0.019	51.435	0.021
45.395	0.006	45.411	0.005	45.444	0.003	45.460	0.006	51.453	0.021	51.480	0.021	51.520	0.020	51.547	0.016
45.487	0.006	45.499	0.006	45.518	0.006	45.533	0.006	51.572	0.011	51.593	0.011	51.617	0.010	51.626	0.008
45.554	0.005	45.582	0.003	45.618	0.003	45.648	0.003	51.654	0.005	51.681	0.0011	51.702	0.003	51.720	0.001
45.673	0.005	45.694	0.010	45.749	0.010	45.752	0.010	51.745	0.004	51.760	0.004	51.775	0.004	51.793	0.005
45.791	0.010	45.849	0.010	45.867	0.010	45.894	0.010	51.805	0.005	51.820	0.007	51.842	0.010	51.863	0.012
45.916	0.006	45.931	0.006	45.985	0.005	45.994	0.002	51.881	0.012	51.902	0.012	51.929	0.012	51.954	0.012
46.043	0.002	46.064	0.002	46.095	0.000	46.104	0.002	51.963	0.012	51.993	0.012	52.026	0.014	52.048	0.014
46.138	0.003	46.153	0.003	46.175	0.013	46.214	0.015	52.075	0.014	52.099	0.014	52.115	0.014	52.124	0.014
46.224	0.015	46.248	0.019	46.297	0.015	46.325	0.008	52.157	0.014	52.222	0.013	52.222	0.011	52.246	0.011
46.337	0.004	46.374	0.008	46.414	0.008	46.469	0.000	52.286	0.008	52.316	0.005	52.338	0.003	52.371	0.000
46.509	0.009	46.546	0.009	46.555	0.006	46.583	0.006	52.402	0.001	52.426	0.001	52.445	0.001	52.478	0.002
46.617	0.006	46.648	0.008	46.669	0.008	46.691	0.003	52.500	0.003	52.530	0.005	52.579	0.002	52.613	0.001
46.706	0.004	46.733	0.003	46.755	0.001	46.776	0.000	52.634	0.001	52.662	0.001	52.695	0.004	52.729	0.006
46.801	0.000	46.807	0.002	46.829	0.004	46.862	0.005	52.765	0.006	52.796	0.007	52.829	0.007	52.856	0.007
46.884	0.008	46.902	0.008	46.927	0.008	46.954	0.008	52.884	0.007	52.914	0.007	52.945	0.007	52.981	0.005
46.985	0.012	47.025	0.012	47.037	0.013	47.059	0.015	53.015	0.004	53.048	0.001	53.088	0.004	53.103	0.006
47.102	0.013	47.135	0.015	47.157	0.018	47.191	0.013	53.133	0.004	53.164	0.006	53.185	0.006	53.209	0.008
47.203	0.013	47.267	0.013	47.298	0.004	47.332	0.004	53.222	0.009	53.243	0.009	53.267	0.009	53.294	0.011
47.384	0.001	47.402	0.003	47.430	0.006	47.476	0.011	53.310	0.009	53.331	0.009	53.349	0.009	53.370	0.009
47.494	0.011	47.540	0.015	47.543	0.015	47.589	0.015	53.392	0.006	53.413	0.006	53.425	0.003	53.437	0.003
47.611	0.015	47.642	0.022	47.664	0.020	47.698	0.020	53.462	0.000	53.477	0.005	53.489	0.007	53.516	0.007
47.726	0.020	47.738	0.020	47.788	0.020	47.803	0.013	53.544	0.009	53.565	0.007	53.589	0.010	53.620	0.009
47.816	0.013	47.828	0.012	47.865	0.007	47.899	0.002	53.639	0.012	53.676	0.010	53.714	0.010	53.739	0.007
47.940	0.004	47.971	0.000	48.008	0.000	48.023	0.001	53.770	0.006	53.804	0.001	53.832	0.001	53.863	0.001
48.048	0.008	48.095	0.014	48.123	0.008	48.160	0.014	53.888	0.001	53.913	0.001	53.938	0.004	53.963	0.003
48.175	0.017	48.209	0.020	48.237	0.020	48.268	0.017	53.984	0.004	54.006	0.004	54.031	0.004	54.056	0.004
48.308	0.017	48.336	0.017	48.355	0.016	48.407	0.011	54.081	0.006	54.099	0.008	54.124	0.006	54.145	0.006
48.435	0.011	48.460	0.011	48.491	0.011	48.522	0.011	54.173	0.006	54.195	0.008	54.222	0.008	54.241	0.008
48.571	0.007	48.609	0.004	48.643	0.001	48.677	0.002	54.272	0.006	54.296	0.005	54.330	0.005	54.367	0.007
48.702	0.002	48.736	0.002	48.758	0.002	48.780	0.002	54.389	0.003	54.429	0.003	54.453	0.002	54.481	0.002
48.802	0.002	48.833	0.001	48.855	0.006	48.892	0.009	54.512	0.000	54.530	0.001	54.567	0.006	54.598	0.006
48.936	0.012	48.939	0.010	48.983	0.010	48.992	0.010	54.619	0.009	54.637	0.011	54.662	0.010	54.683	0.009
49.017	0.012	49.064	0.014	49.092	0.010	49.139	0.010	54.710	0.009	54.732	0.010	54.768	0.009	54.786	0.007
49.176	0.002	49.189	0.001	49.227	0.001	49.264	0.001	54.808	0.009	54.838	0.005	54.878	0.005	54.905	0.002
49.293	0.001	49.321	0.005	49.333	0.007	49.365	0.007	54.933	0.004	54.963	0.002	54.987	0.001	55.015	0.003
49.390	0.004	49.424	0.004	49.465	0.004	49.490	0.004	55.036	0.008	55.076	0.011	55.112	0.009	55.146	0.008
49.506	0.004	49.541	0.003	49.578	0.002	49.612	0.005	55.177	0.008	55.207	0.009	55.229	0.008	55.250	0.004
49.631	0.003	49.665	0.003	49.680	0.003	49.735	0.006	55.268	0.008	55.299	0.008	55.336	0.006	55.357	0.008
49.772	0.003	49.800	0.003	49.825	0.001	49.849	0.002	55.388	0.006	55.422	0.004	55.452	0.006	55.477	0.004
49.852	0.003	49.886	0.007	49.902	0.007	49.957	0.007	55.501	0.004	55.535	0.004	55.556	0.003	55.590	0.004
50.000	0.007	50.031	0.007	50.052	0.007	50.092	0.007	55.629	0.003	55.662	0.001	55.696	0.001	55.726	0.001
50.122	0.010	50.155	0.014	50.170	0.010	50.188	0.009	55.765	0.002	55.798	0.002	55.831	0.002	55.859	0.001
50.212	0.009	50.245	0.007	50.279	0.007	50.300	0.007	55.910	0.004	55.937	0.004	55.955	0.002	55.985	0.004
50.303	0.004	50.330	0.001	50.342	0.001	50.357	0.001	56.009	0.002	56.034	0.004	56.049	0.004	56.070	0.005
50.387	0.001	50.426	0.001	50.450	0.003	50.465	0.006	56.088	0.005	56.106	0.005	56.121	0.005	56.133	0.005
50.486	0.004	50.501	0.004	50.519	0.004	50.540	0.006	56.145	0.007	56.161	0.008	56.185	0.008	56.209	0.008
50.555	0.004	50.570	0.006	50.585	0.004	50.606	0.004	56.221	0.007	56.239	0.007	56.254	0.007	56.267	0.007
50.615	0.003	50.627	0.006	50.657	0.006	50.679	0.004	56.288	0.005	56.303	0.005	56.327	0.005	56.348	0.002
50.706	0.003	50.727	0.001	50.754	0.003	50.778	0.003	56.364	0.000	56.385	0.002	56.412	0.002	56.445	0.002
50.800	0.002	50.827	0.002	50.857	0.001	50.872	0.001	56.473	0.000	56.521	0.001	56.545	0.001	56.591	0.003
50.893	0.001	50.909	0.002	50.930	0.001	50.945	0.001	56.606	0.000	56.628	0.003	56.665	0.003	56.693	0.004
50.960	0.001	50.981	0.002	50.996	0.002	51.017	0.000	56.733	0.003	56.764	0.004	56.811	0.004	56.845	0.004
51.042	0.000	51.066	0.000	51.090	0.001	51.114	0.005	56.888	0.004	56.928	0.006	56.972	0.006	57.006	0.005
51.139	0.006	51.166	0.006	51.191	0.008	51.233	0.010	57.030	0.009	57.071	0.007	57.105	0.007	57.130	0.005

57.161	-0.003	57.189	-0.003	57.223	-0.002	57.251	-0.000
57.276	-0.002	57.301	-0.001	57.338	0.002	57.369	0.003
57.413	0.002	57.459	0.004	57.481	0.007	57.503	0.008
57.528	0.004	57.571	0.007	57.603	0.009	57.628	0.005
57.659	0.004	57.684	0.002	57.712	-0.001	57.727	-0.001
57.759	-0.002	57.787	-0.004	57.818	-0.004	57.846	-0.006
57.868	-0.006	57.899	-0.006	57.933	-0.007	57.958	-0.010
57.989	-0.004	58.014	-0.004	58.049	-0.004	58.074	-0.004
58.105	-0.002	58.136	0.001	58.165	0.001	58.199	-0.001
58.234	0.002	58.275	0.002	58.309	0.001	58.338	0.006
58.372	0.002	58.397	0.002	58.413	-0.001	58.438	0.002
58.467	0.004	58.486	0.002	58.514	0.002	58.536	0.002
58.558	0.002	58.583	0.002	58.611	0.001	58.639	0.001
58.664	0.002	58.701	-0.003	58.729	0.001	58.753	-0.001
58.778	0.002	58.803	0.000	58.828	-0.001	58.846	-0.001
58.871	-0.004	58.899	-0.004	58.939	-0.009	58.961	-0.006
58.986	-0.005	59.013	-0.008	59.054	-0.008	59.085	-0.010
59.109	-0.005	59.148	-0.007	59.194	-0.011	59.230	-0.007
59.282	-0.008	59.318	-0.007	59.373	-0.007	59.400	-0.007
59.443	-0.007	59.494	-0.004	59.522	-0.006	59.534	-0.001
59.567	-0.008	59.610	-0.006	59.640	-0.006	59.671	-0.005
59.695	-0.005	59.729	-0.007	59.765	-0.012	59.793	-0.010
59.836	-0.017	59.872	-0.018	59.897	-0.018	59.945	-0.020
59.982	-0.019	60.007	-0.014	60.095	-0.013	60.141	-0.013
60.215	-0.011	60.282	-0.008	60.340	-0.008	60.386	-0.008
60.411	-0.005						

IY377

68.106 4/8/68 LOS ANGELES - EDISON BLDG.

N52W

1540 POINTS 43.565 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0254 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.013	0.027	-0.011	0.053	-0.013	0.092	-0.011	4.455	0.002	4.481	-0.001	4.512	-0.003	4.538	-0.006
0.131	-0.008	0.161	-0.006	0.187	-0.008	0.218	-0.008	4.568	-0.008	4.599	-0.013	4.626	-0.013	4.649	-0.015
0.260	-0.008	0.292	-0.008	0.318	-0.006	0.347	-0.006	4.677	-0.013	4.699	-0.015	4.731	-0.013	4.763	-0.013
0.381	-0.003	0.419	-0.003	0.448	-0.003	0.482	-0.008	4.787	-0.013	4.812	-0.013	4.838	-0.010	4.865	-0.010
0.510	-0.008	0.529	-0.008	0.556	-0.013	0.594	-0.010	4.892	-0.008	4.924	-0.007	4.953	0.002	4.978	-0.002
0.603	-0.010	0.629	-0.013	0.658	-0.015	0.690	-0.005	5.006	0.005	5.032	0.003	5.057	0.000	5.088	0.003
0.716	-0.005	0.739	-0.002	0.767	0.008	0.795	0.005	5.117	0.003	5.143	0.001	5.171	-0.002	5.195	-0.009
0.828	0.010	0.855	0.005	0.883	0.001	0.902	0.003	5.221	-0.009	5.252	-0.007	5.282	-0.004	5.306	-0.001
0.933	0.001	0.962	-0.004	0.988	-0.003	1.015	-0.008	5.339	-0.001	5.368	-0.004	5.397	-0.001	5.421	0.001
1.044	-0.010	1.076	-0.013	1.105	-0.010	1.129	-0.012	5.442	-0.001	5.473	-0.001	5.497	-0.001	5.531	0.001
1.152	-0.010	1.180	-0.009	1.209	-0.007	1.235	-0.007	5.562	0.001	5.584	-0.004	5.612	-0.004	5.637	-0.004
1.268	-0.006	1.291	-0.011	1.323	-0.009	1.353	-0.016	5.669	-0.006	5.698	-0.006	5.727	-0.006	5.758	-0.004
1.376	-0.011	1.401	-0.016	1.427	-0.013	1.455	-0.010	5.785	-0.001	5.810	-0.001	5.838	-0.001	5.866	-0.002
1.483	-0.005	1.515	-0.010	1.548	-0.010	1.567	-0.010	5.895	-0.002	5.918	-0.004	5.949	-0.004	5.978	-0.007
1.592	-0.010	1.618	-0.010	1.648	-0.015	1.674	-0.018	6.005	-0.007	6.030	-0.007	6.061	-0.007	6.086	-0.010
1.702	-0.021	1.732	-0.018	1.759	-0.013	1.787	0.001	6.119	-0.007	6.144	-0.008	6.172	-0.003	6.204	-0.003
1.818	-0.001	1.841	-0.001	1.863	0.003	1.897	0.003	6.232	0.002	6.257	0.004	6.280	-0.003	6.302	-0.003
1.923	0.005	1.949	0.012	1.978	0.016	1.999	0.004	6.335	0.001	6.366	-0.004	6.397	-0.004	6.422	-0.001
2.034	0.003	2.058	0.013	2.085	0.010	2.107	0.009	6.449	-0.002	6.481	-0.002	6.504	0.001	6.531	-0.005
2.135	0.011	2.166	0.013	2.197	0.010	2.225	0.012	6.554	-0.005	6.584	-0.007	6.616	-0.012	6.647	-0.010
2.251	0.012	2.279	0.007	2.305	0.006	2.339	0.006	6.671	-0.008	6.694	-0.008	6.721	-0.006	6.744	-0.008
2.358	0.000	2.390	-0.003	2.417	-0.005	2.443	-0.006	6.776	-0.006	6.811	-0.006	6.832	-0.003	6.861	0.001
2.474	-0.006	2.503	-0.007	2.531	-0.005	2.557	-0.005	6.888	0.001	6.918	0.004	6.953	0.003	6.974	0.001
2.584	-0.003	2.612	-0.000	2.640	-0.001	2.665	-0.001	7.003	0.001	7.033	-0.002	7.059	-0.004	7.095	-0.012
2.686	-0.008	2.725	-0.011	2.748	-0.009	2.782	-0.009	7.126	-0.012	7.140	-0.015	7.169	-0.017	7.200	-0.017
2.811	-0.007	2.834	-0.009	2.863	-0.009	2.891	-0.009	7.221	-0.012	7.251	-0.015	7.283	-0.013	7.308	-0.008
2.919	-0.010	2.945	-0.012	2.970	-0.010	3.000	-0.015	7.336	-0.008	7.361	-0.003	7.384	-0.000	7.411	-0.001
3.027	-0.013	3.054	-0.013	3.086	-0.010	3.112	-0.013	7.438	0.002	7.473	0.004	7.505	0.004	7.529	0.002
3.139	-0.011	3.164	-0.016	3.194	-0.013	3.222	-0.011	7.555	0.002	7.580	0.001	7.616	-0.001	7.641	-0.006
3.245	-0.006	3.272	-0.001	3.305	0.006	3.335	0.009	7.662	-0.006	7.690	-0.011	7.717	-0.009	7.742	-0.009
3.360	0.006	3.385	0.006	3.410	0.008	3.436	0.008	7.765	-0.009	7.790	-0.004	7.807	-0.004	7.841	-0.002
3.461	-0.004	3.489	-0.009	3.516	-0.017	3.544	-0.022	7.863	-0.002	7.889	0.003	7.911	0.003	7.936	0.008
3.576	-0.022	3.598	-0.022	3.628	-0.025	3.653	-0.022	7.965	0.010	7.994	0.010	8.026	0.010	8.050	0.010
3.682	-0.020	3.714	-0.017	3.740	-0.012	3.766	-0.008	8.078	0.007	8.104	0.004	8.132	0.004	8.159	-0.001
3.792	0.002	3.825	0.005	3.854	0.010	3.872	0.007	8.184	-0.006	8.213	-0.008	8.243	-0.011	8.271	-0.011
3.900	0.012	3.928	0.014	3.956	0.012	3.989	0.012	8.295	-0.011	8.321	-0.011	8.347	-0.011	8.373	-0.011
4.020	0.012	4.045	0.009	4.073	0.004	4.098	0.003	8.401	-0.014	8.431	-0.016	8.458	-0.014	8.481	-0.016
4.126	-0.006	4.149	-0.006	4.177	-0.011	4.206	-0.011	8.507	-0.017	8.534	-0.022	8.563	-0.022	8.588	-0.019
4.231	-0.011	4.259	-0.006	4.290	0.004	4.318	0.009	8.619	-0.019	8.645	-0.019	8.671	-0.019	8.698	-0.017
4.340	0.012	4.370	0.009	4.404	0.012	4.433	0.004	8.722	-0.014	8.748	-0.014	8.782	-0.012	8.817	-0.007

8.836	-0.007	8.858	-0.005	8.884	-0.005	8.911	-0.005	14.939	0.012	14.964	-0.000	14.995	0.000	15.027	-0.004
8.936	0.000	8.967	0.005	8.993	0.005	9.020	0.002	15.054	-0.004	15.085	-0.001	15.113	0.004	15.133	0.007
9.047	0.005	9.074	0.005	9.104	0.005	9.127	0.002	15.149	0.012	15.178	0.025	15.230	0.030	15.258	0.028
9.156	-0.003	9.183	-0.008	9.214	-0.011	9.238	-0.008	15.282	0.024	15.305	0.014	15.328	0.004	15.349	-0.005
9.260	-0.008	9.283	-0.011	9.307	-0.008	9.339	-0.006	15.381	-0.022	15.407	-0.029	15.434	-0.029	15.456	-0.029
9.364	-0.004	9.396	0.001	9.420	0.003	9.446	0.006	15.492	-0.016	15.520	-0.004	15.536	0.009	15.573	0.017
9.471	0.008	9.500	0.006	9.529	0.002	9.554	0.007	15.603	0.027	15.626	0.020	15.665	0.008	15.688	0.003
9.576	0.007	9.607	0.012	9.632	-0.012	9.661	-0.017	15.716	-0.005	15.745	-0.022	15.779	-0.037	15.797	-0.039
9.685	-0.019	9.711	-0.019	9.742	-0.024	9.764	-0.027	15.829	-0.049	15.855	-0.056	15.877	-0.029	15.903	-0.031
9.789	-0.032	9.812	-0.032	9.840	-0.030	9.874	-0.030	15.933	-0.036	15.959	-0.036	15.981	-0.021	16.013	-0.009
9.896	-0.030	9.922	-0.027	9.946	-0.025	9.972	-0.025	16.044	0.009	16.064	0.012	16.094	0.014	16.119	0.012
9.998	-0.020	10.027	-0.019	10.062	-0.017	10.087	-0.009	16.148	0.005	16.177	-0.000	16.205	0.012	16.239	0.023
10.109	-0.004	10.138	-0.002	10.165	0.001	10.192	0.006	16.262	0.033	16.288	0.043	16.316	0.045	16.345	0.045
10.216	0.009	10.245	0.014	10.275	0.019	10.296	0.021	16.366	0.041	16.394	0.036	16.424	0.031	16.456	0.034
10.324	0.022	10.350	0.022	10.381	0.019	10.404	0.019	16.484	0.031	16.509	0.034	16.538	0.037	16.565	0.044
10.435	0.015	10.462	0.007	10.491	0.005	10.517	0.000	16.600	0.004	16.619	0.002	16.650	0.032	16.676	0.018
10.537	-0.002	10.567	-0.007	10.590	-0.014	10.619	-0.026	16.701	0.005	16.736	-0.004	16.760	-0.007	16.788	-0.002
10.643	-0.026	10.673	-0.031	10.700	-0.031	10.728	-0.031	16.816	0.010	16.841	0.020	16.865	0.028	16.899	0.030
10.754	-0.028	10.784	-0.026	10.813	-0.023	10.838	-0.021	16.926	0.035	16.948	0.038	16.977	0.040	17.006	0.045
10.868	-0.021	10.888	-0.021	10.921	-0.016	10.947	-0.008	17.044	0.050	17.067	0.055	17.093	0.057	17.113	0.065
10.978	-0.001	10.999	0.012	11.019	0.014	11.055	0.019	17.148	0.070	17.177	0.067	17.206	0.063	17.231	0.058
11.080	0.024	11.111	0.034	11.134	0.039	11.156	0.043	17.258	0.045	17.286	0.028	17.317	0.021	17.341	0.006
11.182	0.048	11.211	0.053	11.237	0.056	11.266	0.051	17.369	-0.009	17.395	-0.014	17.427	-0.011	17.455	-0.011
11.296	0.051	11.330	0.043	11.363	0.033	11.381	0.026	17.481	-0.004	17.506	-0.004	17.537	-0.001	17.562	0.004
11.400	0.018	11.429	0.011	11.460	0.006	11.485	-0.001	17.593	0.002	17.620	0.002	17.652	0.004	17.678	-0.002
11.514	-0.006	11.540	-0.014	11.565	-0.021	11.599	-0.021	17.713	-0.001	17.737	-0.006	17.765	-0.005	17.788	-0.003
11.622	-0.024	11.650	-0.026	11.673	-0.024	11.706	-0.021	17.815	-0.000	17.843	0.017	17.872	0.035	17.898	0.042
11.728	-0.014	11.748	-0.014	11.776	-0.009	11.804	-0.014	17.932	0.050	17.953	0.057	17.982	0.057	18.007	0.060
11.828	-0.016	11.849	-0.019	11.882	-0.026	11.910	-0.026	18.035	0.065	18.064	0.065	18.091	0.068	18.119	0.070
11.942	-0.028	11.970	-0.028	12.000	-0.023	12.028	-0.015	18.148	0.073	18.177	0.063	18.202	0.056	18.229	0.042
12.055	-0.018	12.084	-0.020	12.113	-0.020	12.138	-0.025	18.258	0.030	18.283	0.012	18.315	0.000	18.339	0.001
12.170	-0.022	12.204	-0.019	12.228	-0.014	12.257	-0.009	18.369	0.003	18.396	0.006	18.430	0.021	18.450	0.024
12.282	-0.007	12.307	-0.004	12.331	-0.007	12.353	-0.009	18.478	0.019	18.507	0.014	18.538	0.009	18.566	-0.000
12.385	-0.019	12.417	-0.021	12.452	-0.021	12.487	-0.013	18.595	-0.007	18.617	-0.020	18.642	-0.024	18.680	-0.024
12.516	-0.016	12.538	-0.016	12.575	-0.008	12.598	0.002	18.701	-0.019	18.724	-0.014	18.759	-0.019	18.789	-0.021
12.640	0.017	12.667	0.031	12.688	0.054	12.711	0.061	18.815	-0.018	18.839	-0.013	18.865	-0.005	18.890	-0.003
12.742	0.063	12.773	0.059	12.813	0.044	12.836	0.029	18.920	-0.002	18.944	-0.002	18.976	-0.007	19.001	-0.012
12.855	0.012	12.880	0.002	12.912	-0.006	12.939	-0.020	19.029	-0.016	19.057	-0.006	19.090	0.006	19.111	0.021
12.966	-0.018	12.999	-0.013	13.026	-0.013	13.054	-0.018	19.145	0.032	19.168	0.039	19.198	0.047	19.221	0.050
13.074	-0.018	13.103	-0.023	13.132	-0.028	13.157	-0.033	19.258	0.050	19.280	0.048	19.310	0.048	19.336	0.048
13.186	-0.040	13.211	-0.042	13.238	-0.045	13.267	-0.052	19.366	0.051	19.389	0.051	19.423	0.049	19.447	0.044
13.294	-0.057	13.328	-0.072	13.346	-0.067	13.377	-0.057	19.476	0.035	19.504	0.033	19.532	0.025	19.559	0.023
13.431	-0.037	13.431	-0.037	13.468	-0.037	13.487	-0.020	19.589	0.018	19.616	0.014	19.645	0.011	19.672	0.014
13.515	-0.022	13.541	-0.019	13.567	-0.019	13.592	-0.007	19.700	0.009	19.728	0.007	19.756	0.002	19.782	-0.005
13.623	0.003	13.653	0.013	13.683	0.028	13.706	0.035	19.810	-0.005	19.836	-0.002	19.868	0.001	19.890	0.001
13.729	0.045	13.755	0.048	13.790	0.055	13.811	0.055	19.917	0.001	19.949	0.001	19.975	0.001	20.001	0.004
13.840	0.053	13.869	0.053	13.900	0.038	13.922	0.026	20.029	0.004	20.059	0.012	20.086	0.019	20.109	0.017
13.951	0.014	13.980	0.009	14.008	0.009	14.036	0.004	20.142	0.017	20.166	0.015	20.198	0.012	20.220	-0.002
14.064	-0.003	14.094	-0.011	14.121	-0.016	14.153	-0.016	20.251	-0.005	20.275	-0.002	20.305	0.005	20.333	0.010
14.183	-0.030	14.205	-0.033	14.222	-0.038	14.264	-0.035	20.366	0.018	20.392	0.023	20.421	0.020	20.446	0.023
14.287	-0.040	14.309	-0.038	14.340	-0.045	14.377	-0.055	20.477	0.021	20.504	0.023	20.535	0.023	20.559	0.018
14.402	-0.057	14.430	-0.057	14.452	-0.054	14.477	-0.049	20.590	0.011	20.617	0.009	20.644	-0.003	20.668	-0.013
14.503	-0.044	14.528	-0.036	14.563	-0.021	14.581	-0.019	20.700	-0.028	20.725	-0.040	20.754	-0.050	20.786	-0.040
14.621	-0.006	14.632	-0.004	14.665	0.001	14.689	0.007	20.812	-0.039	20.838	-0.027	20.867	-0.012	20.894	0.001
14.715	0.014	14.744	0.027	14.776	0.029	14.798	0.032	20.920	0.011	20.952	0.026	20.983	0.038	21.009	0.046
14.827	0.027	14.859	0.023	14.889	0.028	14.909	0.021	21.041	0.054	21.067	0.056	21.097	0.062	21.120	0.072

21.147	0.080	21.175	0.077	21.210	0.070	21.233	0.066	21.374	0.039	21.396	0.038	21.425	0.036	21.444	0.035
21.263	0.064	21.289	0.052	21.318	0.044	21.346	0.037	21.480	0.031	21.513	0.033	21.539	0.040	21.559	0.037
21.371	0.025	21.403	0.021	21.425	0.014	21.453	0.004	21.590	0.029	21.616	0.019	21.635	0.016	21.653	0.005
21.490	0.007	21.511	0.007	21.548	0.012	21.569	0.018	21.766	-0.005	21.794	-0.005	21.808	-0.006	21.830	-0.008
21.599	0.020	21.629	0.026	21.660	0.028	21.681	0.036	21.763	-0.010	21.783	-0.012	21.806	-0.021	21.824	-0.038
21.712	0.039	21.742	0.044	21.770	0.049	21.794	0.054	21.841	-0.044	21.861	-0.046	21.883	-0.053	21.901	-0.048
21.821	0.067	21.852	0.072	21.881	0.085	21.911	0.095	21.941	-0.050	21.961	-0.050	21.983	-0.045	21.998	-0.015
21.940	0.095	21.963	0.090	21.987	0.088	22.021	0.075	22.047	0.007	22.064	0.027	22.084	0.036	22.101	0.036
22.049	0.056	22.073	0.034	22.100	0.017	22.129	0.009	22.159	0.026	22.175	0.014	22.193	-0.008	22.211	-0.008
22.161	0.002	22.190	0.002	22.215	-0.000	22.248	-0.010	22.279	-0.013	22.296	-0.021	22.313	-0.021	22.330	-0.031
22.274	-0.022	22.302	-0.025	22.332	-0.027	22.357	-0.032	22.389	-0.041	22.416	-0.040	22.443	-0.037	22.470	-0.027
22.389	-0.029	22.412	-0.031	22.435	-0.026	22.465	-0.026	22.492	-0.026	22.520	-0.022	22.547	-0.011	22.574	-0.010
22.492	-0.031	22.520	-0.036	22.548	-0.038	22.577	-0.050	22.609	-0.060	22.629	-0.057	22.653	-0.005	22.678	-0.013
22.609	-0.060	22.629	-0.060	22.667	-0.057	22.685	-0.055	22.713	-0.044	22.738	-0.034	22.769	-0.001	22.795	-0.008
22.821	-0.026	22.850	-0.014	22.878	0.004	22.903	0.014	22.934	-0.013	22.959	-0.021	22.983	-0.017	22.998	-0.022
22.934	0.014	22.963	0.017	22.993	0.012	23.014	0.015	23.042	0.017	23.067	0.016	23.091	-0.013	23.115	-0.019
23.042	0.013	23.073	0.018	23.098	0.021	23.126	0.024	23.158	0.011	23.180	0.013	23.203	-0.008	23.227	-0.005
23.158	0.034	23.180	0.037	23.211	0.050	23.238	0.056	23.271	0.059	23.295	0.055	23.318	0.045	23.341	0.045
23.271	0.059	23.295	0.059	23.326	0.055	23.351	0.050	23.376	0.051	23.404	0.049	23.434	0.044	23.463	0.044
23.376	0.051	23.404	0.051	23.434	0.049	23.460	0.050	23.491	0.053	23.518	0.051	23.547	0.045	23.574	0.045
23.491	0.053	23.518	0.051	23.547	0.039	23.572	0.025	23.602	0.008	23.624	0.008	23.648	0.004	23.672	0.004
23.602	0.015	23.624	-0.002	23.652	0.001	23.683	-0.001	23.714	-0.002	23.743	0.001	23.774	0.001	23.803	0.001
23.714	-0.002	23.743	-0.002	23.774	0.001	23.797	0.002	23.825	0.003	23.855	0.010	23.880	0.017	23.907	0.028
23.825	0.007	23.855	0.010	23.880	0.017	23.907	0.028	23.934	0.038	23.961	0.043	23.989	0.041	24.014	0.044
23.934	0.038	23.961	0.043	23.989	0.041	24.014	0.044	24.040	0.044	24.067	0.042	24.094	0.035	24.121	0.035
24.040	0.031	24.067	0.024	24.094	0.017	24.121	0.017	24.146	0.018	24.171	0.018	24.196	0.011	24.221	0.011
24.156	0.030	24.179	0.023	24.207	0.018	24.234	0.011	24.260	0.028	24.287	0.022	24.314	0.018	24.341	0.018
24.260	0.004	24.287	0.002	24.314	-0.005	24.341	-0.012	24.367	-0.006	24.394	-0.006	24.421	-0.006	24.448	-0.006
24.374	0.017	24.400	-0.002	24.428	0.007	24.454	0.026	24.481	0.057	24.508	0.054	24.535	0.046	24.562	0.046
24.482	-0.021	24.509	-0.016	24.527	-0.011	24.558	-0.006	24.584	-0.004	24.611	-0.004	24.638	-0.004	24.665	-0.004
24.594	0.007	24.620	0.012	24.648	0.020	24.677	0.023	24.704	0.022	24.731	0.022	24.758	0.022	24.785	0.022
24.700	0.020	24.727	0.021	24.754	0.026	24.783	0.026	24.810	0.022	24.837	0.022	24.864	0.022	24.891	0.022
24.814	0.031	24.839	0.024	24.867	0.017	24.894	0.017	24.921	0.018	24.948	0.018	24.975	0.018	25.002	0.018
24.929	0.013	24.956	0.011	24.984	0.011	25.011	0.011	25.038	0.011	25.065	0.011	25.092	0.011	25.119	0.011
25.036	0.009	25.067	0.004	25.091	-0.001	25.119	-0.003	25.146	-0.003	25.173	-0.003	25.200	-0.003	25.227	-0.003
25.147	-0.005	25.183	0.001	25.208	0.006	25.230	0.006	25.257	0.006	25.284	0.006	25.311	0.006	25.338	0.006
25.256	0.019	25.281	0.032	25.306	0.039	25.335	0.047	25.362	0.047	25.390	0.047	25.417	0.047	25.444	0.047
25.364	0.047	25.389	0.048	25.419	0.046	25.451	0.039	25.481	0.041	25.510	0.041	25.538	0.041	25.566	0.041
25.484	0.039	25.510	0.037	25.538	0.038	25.569	0.041	25.596	0.041	25.623	0.041	25.650	0.041	25.677	0.041
25.598	0.041	25.619	0.044	25.644	0.042	25.671	0.040	25.698	0.040	25.725	0.040	25.752	0.040	25.779	0.040
25.703	0.036	25.728	0.029	25.761	0.024	25.797	0.025	25.824	0.025	25.851	0.025	25.878	0.025	25.905	0.025
25.818	0.020	25.847	0.013	25.873	0.001	25.899	-0.006	25.926	-0.006	25.953	-0.006	25.980	-0.006	26.007	-0.006
25.927	-0.010	25.951	-0.015	25.978	-0.021	26.006	-0.023	26.033	-0.023	26.060	-0.023	26.087	-0.023	26.114	-0.023
26.034	-0.023	26.063	-0.020	26.087	-0.012	26.114	-0.014	26.141	-0.014	26.168	-0.014	26.195	-0.014	26.222	-0.014
26.142	-0.008	26.174	-0.008	26.199	-0.002	26.227	0.003	26.254	0.003	26.281	0.003	26.308	0.003	26.335	0.003
26.255	0.014	26.279	0.022	26.316	0.027	26.347	0.040	26.374	0.040	26.401	0.040	26.428	0.040	26.455	0.040
26.378	0.041	26.399	0.041	26.433	0.042	26.462	0.040	26.491	0.040	26.518	0.040	26.545	0.040	26.572	0.040
26.479	0.035	26.509	0.026	26.541	0.017	26.565	0.015	26.592	0.015	26.619	0.015	26.646	0.015	26.673	0.015
26.595	0.008	26.626	0.002	26.654	-0.008	26.685	-0.010	26.712	-0.010	26.739	-0.010	26.766	-0.010	26.793	-0.010
26.703	-0.014	26.733	-0.016	26.760	-0.015	26.787	-0.010	26.814	-0.009	26.841	-0.009	26.868	-0.009	26.895	-0.009
26.818	0.003	26.842	0.006	26.865	0.009	26.892	0.005	26.919	0.005	26.946	0.005	26.973	0.005	27.000	0.005
26.922	0.001	26.956	-0.006	26.981	-0.010	27.000	-0.007	27.027	-0.007	27.054	-0.007	27.081	-0.007	27.108	-0.007
27.034	0.008	27.063	0.015	27.106	0.036	27.124	0.043	27.147	0.047	27.172	0.051	27.197	0.058	27.222	0.064
27.147	0.047	27.172	0.059	27.197	0.061	27.219	0.058	27.244	0.061	27.269	0.061	27.294	0.061	27.319	0.061
27.230	0.058	27.250	0.057	27.280	0.050	27.323	0.045	27.344	0.044	27.369	0.044	27.394	0.044	27.419	0.044

34.545	-0.007	34.570	-0.009	34.603	-0.011	34.630	-0.011	40.862	0.009	40.900	0.012	40.918	0.017	40.943	0.014
34.656	-0.014	34.690	-0.018	34.707	-0.023	34.718	-0.035	40.971	0.009	41.004	0.014	41.034	0.009	41.061	0.012
34.755	-0.032	34.775	-0.030	34.834	-0.029	34.858	-0.034	41.087	0.010	41.088	0.010	41.118	0.005	41.147	0.000
34.876	-0.038	34.914	-0.040	34.940	-0.040	34.971	-0.039	41.194	-0.012	41.225	-0.019	41.250	-0.021	41.281	-0.021
35.002	-0.037	35.021	-0.036	35.039	-0.031	35.056	-0.024	41.312	-0.023	41.331	-0.023	41.346	-0.030	41.376	-0.038
35.086	-0.011	35.137	-0.002	35.169	-0.012	35.177	0.019	41.413	-0.042	41.447	-0.042	41.484	-0.042	41.515	-0.039
35.200	0.024	35.239	0.027	35.278	0.027	35.303	0.027	41.539	-0.031	41.556	-0.026	41.596	-0.028	41.624	-0.030
35.333	0.035	35.366	0.035	35.396	0.036	35.422	0.036	41.654	-0.029	41.679	-0.032	41.701	-0.021	41.735	-0.021
35.452	0.036	35.455	0.031	35.499	0.032	35.522	0.027	41.774	-0.020	41.790	-0.017	41.823	-0.017	41.858	-0.007
35.537	0.025	35.583	0.018	35.604	0.016	35.631	0.012	41.863	-0.001	41.887	0.009	41.907	0.002	41.933	0.005
35.687	0.005	35.716	0.006	35.743	0.004	35.764	-0.004	41.974	0.008	42.017	0.011	42.048	0.011	42.077	0.014
35.794	-0.008	35.818	-0.008	35.846	-0.007	35.878	-0.007	42.106	0.014	42.107	0.014	42.148	0.020	42.169	0.025
35.904	-0.007	35.931	-0.001	35.966	0.004	35.998	0.014	42.217	0.023	42.242	0.023	42.275	0.023	42.300	0.023
36.019	0.007	36.048	0.009	36.073	0.009	36.112	0.010	42.329	0.020	42.350	0.020	42.357	0.020	42.394	0.020
36.141	0.007	36.164	0.005	36.196	0.005	36.219	0.010	42.428	0.018	42.454	0.018	42.477	0.014	42.494	0.011
36.264	0.005	36.287	0.005	36.309	0.000	36.336	-0.007	42.546	-0.011	42.572	-0.013	42.599	-0.025	42.624	-0.028
36.361	-0.007	36.389	-0.009	36.428	-0.021	36.445	-0.021	42.649	-0.032	42.656	-0.037	42.711	-0.042	42.731	-0.044
36.473	-0.026	36.480	-0.023	36.523	-0.023	36.548	-0.023	42.764	-0.051	42.801	-0.056	42.802	-0.048	42.849	-0.043
36.586	-0.022	36.605	-0.025	36.638	-0.024	36.660	-0.036	42.876	-0.040	42.903	-0.038	42.929	-0.037	42.950	-0.032
36.695	-0.034	36.723	-0.037	36.741	-0.037	36.773	-0.036	42.967	-0.032	42.985	-0.027	43.018	-0.014	43.057	-0.014
36.801	-0.039	36.819	-0.039	36.856	-0.039	36.897	-0.046	43.083	0.009	43.107	0.017	43.143	0.020	43.173	0.023
36.914	-0.036	36.929	-0.036	36.974	-0.036	36.998	-0.046	43.199	0.028	43.210	0.031	43.243	0.044	43.268	0.048
37.011	-0.024	37.034	-0.024	37.062	-0.029	37.108	-0.026	43.299	0.054	43.323	0.045	43.353	0.038	43.385	0.040
37.133	-0.035	37.144	-0.037	37.182	-0.036	37.202	-0.036	43.407	0.035	43.430	0.029	43.459	0.024	43.480	0.022
37.232	-0.037	37.260	-0.036	37.273	-0.043	37.311	-0.042	43.508	0.020	43.541	0.015	43.562	0.008	43.565	0.006
37.346	-0.040	37.381	-0.039	37.403	-0.035	37.431	-0.034								
37.462	-0.028	37.487	-0.025	37.518	-0.012	37.541	-0.009								
37.572	0.009	37.592	0.011	37.633	0.016	37.660	0.018								
37.691	0.015	37.713	0.015	37.736	0.020	37.759	0.018								
37.797	0.022	37.829	0.020	37.842	0.017	37.868	0.022								
37.909	0.022	37.927	0.004	37.961	0.004	37.969	-0.006								
38.020	0.002	38.053	0.009	38.080	0.022	38.098	0.015								
38.128	0.017	38.145	0.017	38.182	0.017	38.215	0.017								
38.248	0.015	38.265	0.015	38.302	0.013	38.320	0.013								
38.353	0.013	38.381	0.013	38.415	0.014	38.442	0.006								
38.470	0.009	38.504	0.009	38.529	0.010	38.558	0.010								
38.580	0.010	38.609	0.010	38.631	0.011	38.668	0.006								
38.694	0.004	38.708	0.004	38.727	0.004	38.766	0.005								
38.806	-0.005	38.830	-0.007	38.863	-0.009	38.868	-0.019								
38.898	-0.024	38.954	-0.026	38.974	-0.028	38.997	-0.028								
39.035	-0.030	39.060	-0.030	39.087	-0.033	39.115	-0.032								
39.133	-0.032	39.176	-0.029	39.207	-0.024	39.234	-0.024								
39.264	-0.024	39.295	-0.024	39.322	-0.021	39.332	-0.021								
39.367	-0.018	39.397	-0.018	39.437	-0.017	39.450	-0.014								
39.486	-0.006	39.519	0.004	39.548	0.005	39.575	0.010								
39.604	0.003	39.628	0.004	39.644	0.007	39.673	0.012								
39.711	0.006	39.752	0.004	39.772	0.005	39.809	0.006								
39.815	0.008	39.854	0.007	39.894	0.007	39.926	0.008								
39.951	0.008	39.974	0.006	40.005	0.002	40.026	-0.003								
40.054	-0.005	40.069	-0.005	40.109	-0.015	40.134	-0.017								
40.170	-0.019	40.210	-0.019	40.233	-0.034	40.255	-0.031								
40.282	-0.026	40.301	-0.021	40.336	-0.025	40.363	-0.025								
40.371	-0.020	40.430	-0.020	40.449	-0.023	40.463	-0.023								
40.498	-0.022	40.539	-0.020	40.569	-0.020	40.613	-0.020								
40.637	-0.002	40.665	0.003	40.686	0.001	40.697	0.006								
40.730	-0.001	40.782	0.006	40.809	0.004	40.827	0.009								

1Y377

68.106 4/8/68 LOS ANGELES - EDISON BLDG.

S38W

1495 POINTS 43.613 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0250 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.008	0.022	-0.008	0.045	-0.008	0.071	-0.006	4.313	0.011	4.348	0.011	4.380	0.009	4.406	0.009
0.094	-0.001	0.120	-0.001	0.151	-0.006	0.182	-0.008	4.430	0.009	4.458	0.008	4.486	0.006	4.519	0.003
0.217	-0.006	0.245	-0.004	0.285	-0.006	0.312	-0.001	4.545	0.003	4.573	0.001	4.600	-0.002	4.626	-0.002
0.346	-0.001	0.372	0.001	0.401	0.006	0.433	0.008	4.656	-0.004	4.687	-0.004	4.713	-0.004	4.741	-0.004
0.460	0.011	0.487	0.011	0.509	0.011	0.538	0.013	4.768	-0.007	4.797	-0.007	4.829	-0.009	4.858	-0.017
0.564	0.011	0.599	0.011	0.633	0.013	0.672	0.015	4.895	-0.022	4.931	-0.019	4.967	-0.017	5.003	-0.009
0.715	0.013	0.751	0.013	0.785	0.013	0.818	0.006	5.027	-0.007	5.049	-0.007	5.077	0.001	5.112	0.006
0.849	0.005	0.882	-0.004	0.915	-0.009	0.941	-0.009	5.139	0.008	5.170	0.015	5.199	0.018	5.228	0.018
0.963	-0.014	0.981	-0.014	1.009	-0.017	1.029	-0.019	5.256	0.018	5.278	0.020	5.306	0.018	5.331	0.015
1.045	-0.014	1.076	-0.014	1.110	-0.009	1.133	-0.009	5.354	0.018	5.379	0.020	5.402	0.018	5.424	0.015
1.150	-0.009	1.169	-0.012	1.194	-0.010	1.212	-0.010	5.449	0.013	5.472	0.003	5.497	-0.002	5.525	-0.007
1.239	-0.005	1.264	-0.000	1.287	0.002	1.314	0.002	5.553	-0.010	5.577	-0.010	5.605	-0.012	5.636	-0.010
1.345	0.005	1.371	0.007	1.399	0.004	1.423	0.007	5.662	-0.010	5.688	-0.008	5.710	-0.003	5.738	-0.000
1.445	0.009	1.473	0.006	1.503	0.009	1.529	0.009	5.768	0.004	5.800	0.007	5.836	0.009	5.863	0.007
1.552	0.006	1.574	0.001	1.596	0.004	1.620	0.001	5.891	0.002	5.925	0.002	5.954	-0.001	5.991	-0.011
1.646	0.001	1.673	0.001	1.702	0.001	1.727	0.001	6.016	-0.016	6.041	-0.016	6.067	-0.018	6.104	-0.013
1.749	0.001	1.764	-0.002	1.787	-0.002	1.809	-0.002	6.137	-0.011	6.172	-0.003	6.199	0.001	6.228	0.001
1.829	-0.002	1.852	0.003	1.877	0.003	1.898	0.002	6.262	0.004	6.294	0.004	6.323	0.007	6.362	0.007
1.922	-0.003	1.948	0.002	1.970	0.002	1.994	-0.000	6.398	0.007	6.436	0.012	6.472	0.014	6.508	0.012
2.027	-0.001	2.057	0.006	2.093	0.011	2.129	0.013	6.538	0.005	6.569	0.005	6.607	0.003	6.641	0.000
2.161	0.013	2.187	0.017	2.219	0.020	2.252	0.019	6.675	0.003	6.707	0.003	6.742	0.003	6.780	0.006
2.276	0.019	2.312	0.016	2.347	0.014	2.379	0.009	6.807	0.006	6.846	0.008	6.879	0.004	6.917	0.004
2.406	0.004	2.442	0.003	2.471	0.003	2.499	0.003	6.953	-0.001	6.987	-0.001	7.020	-0.003	7.056	-0.003
2.531	0.003	2.562	-0.002	2.588	-0.002	2.624	-0.003	7.097	-0.003	7.130	-0.006	7.163	-0.008	7.201	-0.008
2.654	0.002	2.687	-0.001	2.715	-0.001	2.743	0.002	7.236	-0.011	7.268	-0.006	7.300	-0.008	7.329	-0.008
2.776	0.004	2.800	0.006	2.826	0.008	2.851	0.013	7.360	-0.008	7.396	-0.008	7.430	-0.008	7.467	-0.003
2.870	0.013	2.894	0.013	2.917	0.015	2.940	0.012	7.505	0.009	7.547	0.009	7.586	0.021	7.615	0.018
2.962	0.010	2.982	0.005	3.005	0.005	3.025	0.002	7.650	0.021	7.682	0.021	7.710	0.023	7.742	0.018
3.050	0.002	3.072	-0.001	3.097	-0.001	3.125	-0.006	7.783	0.016	7.814	0.014	7.844	0.009	7.888	0.006
3.147	-0.004	3.175	-0.001	3.197	-0.004	3.221	-0.007	7.929	0.008	7.969	0.006	8.013	0.011	8.052	0.008
3.247	-0.004	3.274	-0.004	3.302	-0.005	3.328	-0.007	8.085	0.011	8.114	0.008	8.147	0.006	8.191	0.010
3.355	-0.005	3.378	-0.003	3.403	-0.003	3.428	0.002	8.228	0.008	8.279	0.005	8.314	0.005	8.338	0.005
3.457	0.002	3.485	0.002	3.508	0.004	3.536	0.006	8.362	0.005	8.396	-0.000	8.425	-0.003	8.461	-0.008
3.569	0.006	3.598	0.011	3.626	0.016	3.655	0.013	8.498	-0.013	8.532	-0.013	8.568	-0.011	8.600	-0.008
3.678	0.013	3.703	0.013	3.729	0.008	3.755	0.003	8.630	-0.009	8.668	-0.006	8.704	-0.002	8.744	0.001
3.776	0.003	3.801	0.003	3.829	0.003	3.858	0.003	8.782	0.003	8.823	0.007	8.860	0.012	8.891	0.009
3.881	-0.002	3.907	0.000	3.932	-0.000	3.956	0.002	8.925	0.004	8.964	0.004	8.999	0.004	9.038	0.004
3.986	0.005	4.013	0.007	4.037	0.009	4.059	0.009	9.083	0.004	9.121	0.003	9.162	0.003	9.199	0.001
4.085	0.009	4.110	0.009	4.141	0.007	4.170	0.009	9.239	0.001	9.279	-0.004	9.320	-0.002	9.351	-0.002
4.198	0.009	4.226	0.011	4.252	0.011	4.287	0.009	9.388	-0.004	9.433	-0.002	9.468	0.003	9.500	0.004

9.543	0.001	9.573	0.001	9.600	0.001	9.639	0.004	15.679	-0.038	15.702	-0.035	15.731	-0.042	15.758	-0.049
9.674	0.009	9.702	0.006	9.736	0.001	9.765	-0.003	15.779	-0.054	15.793	-0.061	15.823	-0.066	15.841	-0.066
9.792	-0.001	9.826	-0.006	9.862	-0.011	9.897	-0.013	15.869	-0.068	15.898	-0.068	15.924	-0.066	15.951	-0.048
9.937	-0.008	9.975	-0.011	10.012	-0.001	10.053	-0.001	15.981	-0.036	16.013	-0.024	16.034	-0.011	16.056	-0.006
10.078	-0.001	10.120	0.001	10.168	0.014	10.211	0.019	16.078	-0.001	16.102	0.004	16.126	0.001	16.144	-0.004
10.268	0.024	10.299	0.028	10.331	0.033	10.365	0.031	16.169	-0.011	16.185	-0.016	16.212	-0.013	16.241	-0.006
10.402	0.031	10.440	0.031	10.472	0.039	10.509	0.049	16.271	0.009	16.303	0.026	16.337	0.036	16.363	0.039
10.551	0.041	10.596	0.036	10.631	0.034	10.662	0.029	16.397	0.043	16.429	0.041	16.459	0.036	16.484	0.034
10.700	0.024	10.741	0.017	10.805	0.015	10.865	0.012	16.509	0.034	16.537	0.034	16.565	0.029	16.590	0.022
10.910	0.017	10.950	0.022	10.997	0.024	11.036	0.024	16.626	0.012	16.655	0.005	16.680	-0.002	16.703	-0.007
11.079	0.029	11.137	0.026	11.173	0.029	11.210	0.024	16.730	0.014	16.765	-0.014	16.796	0.003	16.819	0.013
11.249	0.011	11.288	-0.001	11.337	-0.008	11.369	-0.035	16.847	0.020	16.865	0.035	16.893	0.037	16.920	0.030
11.380	-0.040	11.410	-0.050	11.428	-0.052	11.450	-0.060	16.943	0.023	16.965	0.006	16.991	-0.004	17.010	-0.006
11.476	-0.060	11.499	-0.062	11.533	-0.060	11.563	-0.053	17.040	-0.011	17.067	-0.006	17.096	-0.006	17.123	-0.008
11.594	-0.055	11.618	-0.058	11.644	-0.062	11.672	-0.070	17.154	-0.008	17.181	-0.001	17.220	0.012	17.248	0.022
11.698	-0.075	11.723	-0.075	11.747	-0.070	11.769	-0.067	17.271	0.024	17.296	0.027	17.317	0.022	17.343	0.015
11.794	-0.063	11.819	-0.065	11.842	-0.065	11.864	-0.065	17.371	-0.002	17.393	-0.011	17.428	-0.016	17.462	-0.026
11.885	-0.060	11.907	-0.065	11.924	-0.060	11.946	-0.060	17.495	-0.037	17.521	-0.040	17.544	-0.040	17.573	-0.049
11.970	-0.055	11.994	-0.050	12.028	-0.047	12.062	-0.038	17.597	-0.051	17.627	-0.049	17.655	-0.041	17.686	-0.031
12.090	-0.030	12.122	-0.025	12.150	-0.018	12.169	-0.013	17.714	-0.029	17.739	-0.024	17.773	-0.024	17.805	-0.014
12.191	-0.005	12.215	-0.003	12.237	-0.000	12.262	0.002	17.833	0.003	17.860	0.011	17.885	0.014	17.910	0.016
12.290	0.007	12.329	0.024	12.354	0.034	12.377	0.036	17.935	0.014	17.963	0.014	17.982	0.012	18.014	0.024
12.405	0.034	12.430	0.029	12.459	0.029	12.490	0.024	18.041	0.034	18.068	0.053	18.096	0.061	18.120	0.070
12.519	0.022	12.550	0.020	12.582	0.012	12.611	0.010	18.149	0.066	18.171	0.061	18.195	0.053	18.227	0.041
12.633	0.007	12.664	0.012	12.688	0.025	12.724	0.042	18.256	0.049	18.279	0.051	18.309	0.051	18.340	0.051
12.751	0.059	12.778	0.076	12.810	0.086	12.842	0.095	18.372	0.056	18.396	0.054	18.417	0.066	18.442	0.071
12.869	0.108	12.898	0.115	12.926	0.120	12.951	0.122	18.467	0.076	18.489	0.076	18.510	0.074	18.532	0.071
12.975	0.127	12.999	0.122	13.024	0.113	13.051	0.101	18.556	0.057	18.580	0.052	18.600	0.035	18.623	0.033
13.081	0.091	13.112	0.076	13.137	0.057	13.161	0.045	18.653	0.033	18.680	0.038	18.708	0.045	18.731	0.047
13.185	0.037	13.201	0.032	13.222	0.032	13.244	0.032	18.762	0.055	18.783	0.055	18.809	0.053	18.837	0.043
13.273	0.030	13.301	0.028	13.323	0.025	13.348	0.025	18.871	0.041	18.897	0.036	18.920	0.029	18.948	0.017
13.368	0.028	13.393	0.028	13.413	0.026	13.446	0.016	18.981	0.000	19.005	-0.009	19.019	-0.014	19.043	0.031
13.462	0.009	13.487	0.001	13.511	-0.011	13.537	-0.032	19.069	-0.031	19.096	-0.033	19.125	-0.025	19.152	-0.023
13.562	-0.044	13.583	-0.054	13.609	-0.066	13.634	-0.071	19.168	-0.018	19.194	-0.025	19.216	-0.034	19.245	-0.046
13.661	-0.068	13.688	-0.056	13.714	-0.044	13.736	-0.036	19.273	-0.060	19.305	-0.075	19.328	-0.079	19.346	-0.082
13.760	-0.036	13.783	-0.038	13.807	-0.040	13.832	-0.045	19.371	-0.074	19.400	-0.064	19.435	-0.059	19.472	-0.053
13.858	-0.049	13.890	-0.054	13.911	-0.061	13.937	-0.061	19.500	-0.048	19.529	-0.043	19.557	-0.023	19.588	-0.009
13.965	-0.063	13.987	-0.058	14.014	-0.052	14.039	-0.037	19.616	0.006	19.647	0.011	19.670	0.012	19.697	0.012
14.067	-0.023	14.087	-0.010	14.108	-0.007	14.132	-0.002	19.721	0.007	19.754	-0.007	19.778	-0.017	19.808	-0.024
14.155	0.000	14.180	0.001	14.201	0.003	14.222	0.011	19.833	-0.028	19.858	-0.043	19.888	-0.052	19.916	-0.069
14.246	0.018	14.265	0.028	14.289	0.035	14.315	0.040	19.934	-0.076	19.956	-0.078	19.982	-0.066	20.003	-0.044
14.344	0.043	14.370	0.043	14.398	0.045	14.419	0.040	20.024	-0.024	20.043	-0.010	20.066	0.005	20.088	0.018
14.444	0.038	14.464	0.028	14.487	0.019	14.509	0.009	20.114	0.023	20.137	0.023	20.161	0.013	20.184	0.004
14.530	0.007	14.546	0.004	14.566	0.004	14.588	0.009	20.203	-0.006	20.231	-0.020	20.257	-0.018	20.281	-0.023
14.607	0.022	14.631	0.036	14.658	0.058	14.685	0.066	20.308	-0.022	20.336	-0.017	20.364	-0.007	20.391	0.002
14.709	0.080	14.729	0.083	14.748	0.090	14.784	0.095	20.419	0.003	20.450	0.005	20.474	0.008	20.507	0.013
14.808	0.093	14.834	0.088	14.856	0.079	14.881	0.069	20.532	0.011	20.557	0.009	20.577	0.009	20.618	0.009
14.906	0.060	14.927	0.052	14.948	0.043	14.970	0.041	20.652	0.014	20.673	0.012	20.700	0.010	20.728	0.010
14.988	0.026	15.007	0.026	15.030	0.021	15.050	0.014	20.761	0.010	20.790	0.013	20.819	0.018	20.841	0.023
15.068	0.012	15.088	-0.003	15.103	-0.012	15.129	-0.022	20.867	0.028	20.896	0.021	20.927	0.015	20.953	0.005
15.150	-0.024	15.172	-0.024	15.193	-0.021	15.212	-0.019	20.975	-0.002	21.008	-0.009	21.035	-0.013	21.066	-0.018
15.232	-0.019	15.249	-0.019	15.275	-0.016	15.294	-0.016	21.096	-0.023	21.122	-0.020	21.156	-0.007	21.183	-0.002
15.314	-0.013	15.342	-0.018	15.361	-0.023	15.374	-0.030	21.230	0.013	21.248	0.013	21.284	0.013	21.319	0.018
15.395	-0.035	15.417	-0.037	15.439	-0.039	15.461	-0.041	21.343	0.019	21.368	0.021	21.392	0.026	21.418	0.029
15.479	-0.044	15.502	-0.051	15.523	-0.051	15.546	-0.046	21.450	0.022	21.480	0.015	21.510	0.008	21.545	0.003
15.571	-0.038	15.598	-0.033	15.624	-0.033	15.651	-0.033	21.578	0.003	21.609	0.003	21.636	0.001	21.670	-0.003

21.702	-0.006	21.735	-0.010	21.760	-0.010	21.793	-0.005	28.739	-0.012	28.766	-0.014	28.781	-0.022	28.803	-0.029
21.823	-0.005	21.848	-0.007	21.878	-0.014	21.909	-0.026	28.830	-0.034	28.848	-0.038	28.872	-0.041	28.892	-0.045
21.937	-0.031	21.971	-0.021	21.995	-0.013	22.021	-0.006	28.919	-0.040	28.940	-0.038	28.977	-0.030	28.994	-0.030
22.062	-0.003	22.072	0.004	22.100	0.005	22.130	0.005	29.021	-0.023	29.041	-0.018	29.074	-0.010	29.098	-0.008
22.158	0.003	22.185	-0.004	22.215	-0.012	22.245	-0.014	29.123	-0.000	29.140	0.005	29.160	0.009	29.169	0.010
22.271	-0.013	22.302	-0.021	22.333	-0.030	22.364	-0.032	29.207	0.010	29.220	0.010	29.241	0.010	29.254	0.008
22.396	-0.034	22.428	-0.027	22.459	-0.017	22.490	0.001	29.281	0.008	29.305	0.005	29.325	0.001	29.339	-0.004
22.517	0.013	22.549	0.021	22.585	0.024	22.612	0.024	29.366	-0.006	29.400	-0.004	29.427	-0.004	29.435	-0.004
22.644	0.022	22.667	0.019	22.707	0.020	22.749	0.018	29.447	-0.001	29.466	0.006	29.494	0.011	29.520	0.014
22.793	0.018	22.838	0.016	22.875	0.019	22.903	0.019	29.538	0.021	29.561	0.026	29.580	0.036	29.617	0.024
22.928	-0.021	22.959	0.022	22.990	0.022	23.033	0.020	29.647	0.027	29.682	0.020	29.715	0.020	29.749	0.020
23.063	0.013	23.096	0.006	23.128	-0.004	23.161	-0.003	29.791	0.011	29.829	0.004	29.856	0.004	29.881	-0.001
23.194	0.002	23.222	0.007	23.245	0.012	23.270	0.015	29.898	-0.006	29.941	-0.005	29.966	-0.003	29.992	-0.003
23.296	0.013	23.319	0.008	23.348	-0.002	23.371	-0.011	30.016	-0.003	30.041	-0.007	30.086	-0.007	30.105	-0.009
23.403	-0.021	23.425	-0.023	23.462	-0.025	23.499	-0.027	30.126	-0.009	30.161	-0.008	30.178	-0.008	30.213	-0.008
23.546	-0.030	23.568	-0.022	23.599	-0.015	23.625	-0.009	30.236	-0.008	30.262	-0.008	30.298	-0.010	30.315	-0.012
23.646	-0.004	23.672	-0.002	23.684	0.001	23.702	0.001	30.337	0.012	30.366	-0.009	30.394	-0.001	30.416	-0.001
23.726	-0.004	23.756	-0.020	23.775	-0.025	23.805	-0.035	30.450	-0.003	30.483	-0.006	30.508	-0.008	30.537	-0.008
23.829	-0.029	23.854	-0.024	23.884	-0.007	23.914	0.010	30.561	-0.010	30.575	-0.010	30.624	-0.002	30.651	0.000
23.946	0.023	23.972	0.028	24.003	0.031	24.033	0.034	30.678	0.003	30.696	0.011	30.718	0.011	30.743	0.013
24.065	0.034	24.098	0.034	24.138	0.030	24.175	0.025	30.776	0.011	30.797	0.011	30.823	0.012	30.849	0.007
24.215	0.021	24.252	0.019	24.286	0.019	24.315	0.017	30.871	0.007	30.894	0.010	30.910	0.010	30.935	0.012
24.351	0.014	24.392	0.017	24.427	0.022	24.463	0.025	30.954	0.013	30.979	0.015	30.996	0.018	31.005	0.018
24.493	0.028	24.522	0.028	24.551	0.026	24.584	0.019	31.029	0.021	31.053	0.019	31.067	0.019	31.090	0.019
24.618	0.015	24.637	0.017	24.666	0.018	24.696	0.018	31.113	0.015	31.141	0.005	31.164	-0.004	31.181	-0.011
24.724	0.018	24.754	0.014	24.785	0.012	24.816	0.007	31.219	-0.018	31.229	-0.023	31.263	-0.025	31.278	-0.028
24.842	0.008	24.873	0.006	24.906	0.004	24.936	-0.001	31.310	-0.030	31.327	-0.032	31.354	-0.020	31.367	-0.022
24.964	-0.003	24.998	-0.010	25.033	-0.014	25.061	-0.007	31.378	-0.022	31.406	-0.022	31.434	-0.017	31.461	-0.014
25.089	-0.018	25.122	-0.020	25.156	-0.018	25.188	-0.017	31.478	-0.014	31.487	-0.014	31.513	-0.014	31.546	-0.012
25.216	-0.004	25.242	-0.001	25.271	0.004	25.302	0.012	31.564	-0.009	31.581	-0.011	31.587	-0.011	31.618	-0.011
25.327	0.014	25.353	0.017	25.381	0.018	25.409	0.021	31.639	-0.006	31.659	0.001	31.684	0.004	31.704	0.001
25.439	0.026	25.472	0.034	25.512	0.037	25.545	0.037	31.744	-0.001	31.763	-0.000	31.780	-0.000	31.801	-0.002
25.576	0.040	25.606	0.038	25.634	0.036	25.661	0.032	31.818	-0.002	31.859	0.000	31.885	0.001	31.911	0.001
25.697	0.035	25.728	0.040	25.758	0.043	25.791	0.044	31.929	0.001	31.936	-0.003	31.968	0.002	31.989	0.002
25.822	0.037	25.854	0.028	25.880	0.016	25.908	0.012	32.009	0.000	32.025	0.000	32.037	0.001	32.061	0.001
25.938	0.002	25.978	-0.009	26.004	-0.013	26.031	-0.020	32.094	-0.001	32.117	-0.001	32.133	-0.006	32.143	-0.010
26.060	-0.027	26.084	-0.027	26.119	-0.021	26.165	-0.018	32.195	-0.012	32.217	-0.012	32.239	-0.022	32.241	-0.022
26.328	-0.003	26.362	0.007	26.407	0.013	26.448	0.016	32.254	-0.019	32.283	-0.019	32.316	-0.019	32.334	-0.019
26.486	0.014	26.514	0.009	26.544	0.007	26.573	0.003	32.357	-0.021	32.375	-0.023	32.417	-0.023	32.447	-0.028
26.610	0.001	26.633	-0.004	26.657	-0.003	26.685	-0.003	32.478	-0.028	32.503	-0.028	32.520	-0.027	32.547	-0.027
26.719	0.005	26.752	0.010	26.790	0.014	26.828	0.014	32.569	-0.022	32.597	-0.017	32.620	-0.012	32.648	-0.007
26.864	0.015	26.897	0.021	26.932	0.026	26.967	0.032	32.676	0.003	32.720	0.012	32.748	0.017	32.779	0.025
*27.005	0.035	27.037	0.039	27.073	0.039	27.106	0.038	32.809	0.003	32.823	0.026	32.852	0.034	32.875	0.028
27.144	0.036	27.172	0.037	27.197	0.036	27.214	0.041	32.903	0.029	32.910	0.029	32.948	0.030	33.014	0.026
27.233	0.041	27.255	0.033	27.284	0.028	27.328	0.019	33.057	0.027	33.079	0.030	33.121	0.025	33.150	0.025
27.360	-0.016	27.399	-0.022	27.422	-0.023	27.448	-0.024	33.178	0.018	33.189	0.003	33.230	-0.006	33.247	-0.013
27.476	-0.030	27.535	-0.022	27.575	-0.023	27.637	-0.019	33.278	-0.016	33.310	-0.021	33.347	-0.020	33.382	-0.020
27.689	-0.017	27.730	-0.025	27.812	-0.026	27.850	-0.028	33.401	-0.020	33.431	-0.016	33.449	-0.018	33.461	-0.011
27.902	-0.033	27.937	-0.035	27.986	-0.040	28.052	-0.042	33.494	-0.011	33.510	-0.003	33.539	-0.006	33.570	0.001
28.066	-0.032	28.112	-0.025	28.156	-0.025	28.189	-0.027	33.595	-0.001	33.622	-0.001	33.652	-0.003	33.680	-0.008
28.226	-0.027	28.276	-0.022	28.313	-0.019	28.324	-0.014	33.726	-0.003	33.751	-0.003	33.777	-0.003	33.797	-0.003
28.350	-0.004	28.378	-0.002	28.405	0.001	28.425	0.006	33.845	0.007	33.871	0.007	33.893	0.007	33.917	0.007
28.449	0.006	28.472	-0.001	28.492	0.001	28.503	-0.001	33.944	0.012	33.963	0.012	33.986	0.012	34.007	0.014
28.523	-0.001	28.535	-0.001	28.554	-0.001	28.561	0.002	34.022	0.012	34.035	0.012	34.058	0.014	34.071	0.014
28.624	-0.001	28.655	-0.005	28.659	-0.005	28.713	-0.007	34.099	0.010	34.120	0.007	34.133	0.000	34.152	-0.002
								34.173	-0.002	34.196	-0.002	34.214	-0.004	34.224	-0.004

34.262	-0.004	34.278	-0.004	34.298	-0.004	34.318	0.008	40.763	0.022	40.800	0.016	40.829	0.013	40.857	0.011
34.319	0.006	34.355	-0.001	34.368	-0.001	34.388	-0.001	40.883	0.009	40.939	-0.002	40.996	-0.009	41.049	-0.011
34.410	-0.001	34.429	-0.003	34.462	-0.005	34.487	-0.012	41.112	-0.015	41.166	-0.019	41.219	-0.026	41.281	-0.030
34.512	-0.012	34.533	-0.012	34.549	-0.012	34.571	-0.012	41.383	-0.032	41.413	-0.029	41.445	-0.026	41.499	-0.020
34.601	-0.012	34.627	-0.014	34.684	-0.023	34.715	-0.021	41.559	-0.008	41.612	0.003	41.668	0.001	41.737	-0.001
34.754	-0.023	34.785	-0.025	34.805	-0.022	34.836	-0.022	41.821	-0.002	41.850	-0.004	41.926	-0.009	41.994	-0.011
34.838	-0.017	34.891	-0.009	34.913	-0.006	34.940	-0.001	42.039	-0.010	42.086	-0.010	42.135	-0.009	42.197	-0.016
34.974	-0.001	34.998	-0.001	35.028	0.007	35.031	0.004	42.252	-0.016	42.328	-0.016	42.373	-0.016	42.411	-0.013
35.062	0.005	35.086	0.007	35.100	0.007	35.143	0.008	42.466	-0.013	42.551	-0.013	42.572	-0.013	42.647	-0.013
35.164	0.008	35.194	0.006	35.218	0.003	35.241	-0.001	42.727	-0.011	42.794	-0.011	42.842	-0.011	42.879	-0.011
35.271	-0.004	35.294	-0.011	35.309	-0.011	35.333	-0.010	42.897	-0.011	42.977	-0.003	43.054	-0.003	43.106	-0.003
35.338	-0.010	35.364	-0.010	35.402	-0.010	35.419	-0.010	43.170	-0.005	43.196	-0.005	43.241	-0.004	43.289	-0.009
35.445	-0.010	35.459	-0.010	35.491	-0.010	35.518	-0.010	43.322	-0.018	43.375	-0.027	43.428	-0.029	43.476	-0.039
35.541	-0.012	35.570	-0.014	35.586	-0.014	35.608	-0.014	43.533	-0.030	43.598	-0.019	43.613	-0.023		
35.633	-0.014	35.656	-0.014	35.690	-0.014	35.697	-0.016								
35.737	-0.016	35.769	-0.016	35.779	-0.018	35.821	-0.021								
35.845	-0.028	35.864	-0.028	35.887	-0.028	35.906	-0.023								
35.921	-0.020	35.951	-0.015	36.016	-0.012	36.045	-0.012								
36.068	-0.012	36.097	-0.011	36.124	-0.011	36.147	-0.011								
36.175	-0.011	36.199	-0.003	36.210	-0.006	36.228	-0.005								
36.257	-0.005	36.302	-0.007	36.341	-0.007	36.364	-0.009								
36.380	-0.014	36.415	-0.013	36.438	-0.013	36.469	-0.013								
36.499	-0.013	36.522	-0.012	36.565	-0.010	36.583	-0.009								
36.597	-0.002	36.628	-0.002	36.642	-0.002	36.663	-0.001								
36.681	-0.001	36.699	0.004	36.730	0.004	36.742	0.011								
36.770	0.014	36.822	0.017	36.838	0.017	36.866	0.020								
36.885	0.025	36.921	0.028	36.943	0.028	36.967	0.031								
36.982	0.031	36.997	0.031	37.030	0.027	37.051	0.027								
37.072	0.028	37.093	0.023	37.113	0.023	37.141	0.021								
37.160	0.019	37.169	0.019	37.188	0.019	37.207	0.017								
37.242	0.018	37.271	0.018	37.297	0.019	37.321	0.012								
37.347	0.012	37.383	0.012	37.403	0.013	37.421	0.010								
37.446	0.008	37.463	0.006	37.504	0.006	37.530	0.004								
37.569	0.004	37.586	0.004	37.607	0.007	37.629	0.012								
37.665	0.012	37.686	0.012	37.719	0.015	37.729	0.012								
37.761	0.013	37.785	0.010	37.824	0.011	37.848	0.004								
37.855	-0.004	37.898	-0.004	37.928	-0.003	37.965	-0.006								
38.005	-0.005	38.057	-0.007	38.099	-0.011	38.143	-0.013								
38.176	-0.020	38.241	-0.021	38.276	-0.021	38.334	-0.022								
38.364	-0.017	38.388	-0.009	38.446	-0.013	38.473	-0.012								
38.504	-0.009	38.536	-0.011	38.560	-0.011	38.592	-0.011								
38.610	-0.013	38.641	-0.013	38.665	-0.013	38.696	-0.020								
38.768	-0.026	38.833	-0.033	38.850	-0.033	38.909	-0.035								
38.946	-0.040	38.979	-0.037	39.013	-0.037	39.055	-0.035								
39.094	-0.033	39.138	-0.030	39.175	-0.016	39.208	-0.013								
39.254	-0.008	39.293	-0.008	39.335	-0.005	39.370	0.005								
39.411	0.005	39.467	0.006	39.520	0.006	39.560	0.007								
39.616	0.007	39.651	0.008	39.652	0.008	39.710	0.009								
39.750	0.007	39.767	0.005	39.809	-0.007	39.842	-0.018								
39.905	-0.020	39.952	-0.019	39.990	-0.019	40.005	-0.011								
40.057	-0.010	40.084	-0.010	40.115	-0.007	40.145	-0.014								
40.155	-0.014	40.187	-0.011	40.224	-0.008	40.250	-0.001								
40.286	-0.003	40.298	-0.003	40.325	0.000	40.350	0.003								
40.366	0.003	40.395	0.003	40.412	0.004	40.457	0.004								
40.486	0.005	40.496	0.007	40.535	0.012	40.553	0.013								
40.602	0.013	40.632	0.014	40.670	0.014	40.705	0.027								

LY377

68-106 4/8/68 LOS ANGELES - EDISON BLDG.

du

1465 POINTS 43.620 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED. THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADORRECTION, IS 0.0140 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.025	0.035	-0.013	0.070	-0.023	0.103	-0.023	5.657	0.007	5.702	-0.010	5.734	-0.005	5.759	-0.005
0.129	-0.023	0.148	-0.015	0.179	-0.010	0.201	-0.013	5.793	-0.007	5.845	-0.004	5.856	-0.004	5.888	0.003
0.238	-0.018	0.270	-0.023	0.292	-0.030	0.325	-0.030	5.932	0.006	5.982	0.001	6.023	0.001	6.062	-0.002
0.357	-0.023	0.389	-0.020	0.409	-0.020	0.423	-0.015	6.095	-0.004	6.130	-0.014	6.169	-0.004	6.212	-0.004
0.447	-0.020	0.479	-0.023	0.503	-0.018	0.508	-0.023	6.241	-0.014	6.285	-0.007	6.323	-0.004	6.355	-0.006
0.537	-0.018	0.563	-0.015	0.599	-0.008	0.644	-0.003	6.381	-0.001	6.416	0.006	6.455	0.004	6.475	0.004
0.662	-0.005	0.697	-0.013	0.736	-0.000	0.763	-0.000	6.515	-0.009	6.559	0.001	6.583	0.001	6.623	-0.009
0.795	-0.003	0.817	-0.010	0.849	-0.000	0.874	0.005	6.654	-0.014	6.683	-0.019	6.717	-0.009	6.743	-0.011
0.903	0.007	0.918	0.010	0.936	0.007	0.966	0.002	6.767	0.006	6.808	0.016	6.853	0.021	6.806	0.019
0.988	0.010	1.008	0.010	1.046	0.010	1.077	0.007	6.942	0.021	6.974	0.009	7.016	0.011	7.040	0.011
1.103	0.005	1.141	0.005	1.170	-0.000	1.219	-0.013	7.073	0.021	7.116	0.026	7.151	0.016	7.184	0.011
1.251	-0.010	1.304	-0.015	1.361	-0.005	1.391	-0.003	7.212	0.006	7.257	0.016	7.311	0.011	7.343	0.008
1.426	-0.008	1.447	-0.010	1.485	-0.008	1.518	-0.003	7.389	0.016	7.439	0.008	7.484	0.008	7.538	0.015
1.554	-0.008	1.592	-0.013	1.628	-0.008	1.662	-0.013	7.583	0.013	7.607	0.000	7.657	0.010	7.708	0.007
1.700	-0.013	1.743	-0.008	1.785	-0.013	1.826	-0.013	7.756	0.010	7.768	0.005	7.857	0.007	7.880	0.009
1.886	-0.011	1.912	-0.011	1.955	-0.002	1.996	0.006	7.939	0.014	7.987	0.019	8.021	0.021	8.088	0.016
2.041	0.011	2.075	0.016	2.096	0.014	2.133	0.016	8.132	0.009	8.171	0.018	8.230	0.008	8.264	0.003
2.219	0.013	2.219	0.001	2.272	0.002	2.282	-0.002	8.301	0.003	8.350	0.010	8.390	0.018	8.418	0.023
2.325	-0.004	2.368	0.000	2.407	-0.012	2.450	-0.022	8.450	0.025	8.488	0.028	8.511	0.030	8.526	0.030
2.489	-0.020	2.530	-0.013	2.576	-0.018	2.630	-0.018	8.575	0.015	8.614	0.023	8.636	0.023	8.684	0.015
2.670	-0.018	2.701	-0.014	2.740	-0.009	2.760	-0.009	8.720	0.008	8.748	0.005	8.786	0.008	8.833	0.017
2.814	-0.009	2.858	-0.010	2.883	-0.002	2.920	-0.000	8.874	0.020	8.899	0.022	8.935	0.012	8.974	0.022
2.974	0.007	3.028	0.001	3.071	0.006	3.106	-0.001	9.009	0.017	9.014	0.015	9.056	0.007	9.078	0.002
3.151	-0.002	3.201	0.000	3.222	0.006	3.261	-0.000	9.105	0.002	9.130	0.004	9.154	0.006	9.185	0.007
3.295	-0.005	3.341	-0.001												

11.224	0.015	11.265	0.010	11.266	0.010	11.298	0.002	18.609	0.030	18.651	0.030	18.684	0.025	18.694	0.022
11.335	0.012	11.381	0.020	11.407	0.028	11.447	0.033	18.730	0.020	18.757	0.023	18.768	0.020	18.797	0.023
11.484	0.030	11.531	0.013	11.587	0.008	11.624	0.008	18.818	0.008	18.849	0.000	18.851	0.000	18.877	0.000
11.680	-0.001	11.711	-0.006	11.742	-0.006	11.801	-0.001	18.897	-0.009	18.916	-0.004	18.942	0.003	18.963	-0.007
11.847	-0.011	11.879	-0.006	11.938	-0.003	11.977	0.002	18.988	-0.014	19.023	-0.016	19.033	-0.011	19.068	-0.009
12.003	0.005	12.049	0.017	12.090	0.030	12.133	0.022	19.097	-0.008	19.129	-0.003	19.163	-0.003	19.187	-0.003
12.171	0.018	12.228	0.018	12.286	0.020	12.288	0.018	19.223	-0.008	19.230	-0.008	19.270	-0.013	19.312	0.003
12.306	0.023	12.332	0.030	12.361	0.033	12.389	0.035	19.347	0.020	19.382	0.020	19.409	0.008	19.447	0.006
12.417	0.025	12.423	0.020	12.424	0.020	12.442	0.015	19.482	0.006	19.490	0.004	19.536	-0.009	19.570	-0.008
12.465	0.016	12.495	0.003	12.506	0.003	12.527	0.011	19.609	-0.003	19.645	0.002	19.689	0.003	19.724	0.000
12.558	0.008	12.597	0.023	12.614	0.021	12.642	0.031	19.763	0.001	19.789	-0.011	19.829	-0.004	19.874	0.004
12.668	0.041	12.695	0.046	12.739	0.026	12.777	0.028	19.921	-0.008	19.970	-0.007	20.026	0.008	20.060	0.016
12.807	0.016	12.831	0.023	12.883	0.028	12.918	0.028	20.071	0.018	20.108	0.021	20.116	0.014	20.156	-0.006
12.955	0.033	12.962	0.026	13.002	0.004	13.035	-0.004	20.171	-0.011	20.208	-0.018	20.243	-0.025	20.275	-0.022
13.061	-0.009	13.080	-0.011	13.108	-0.006	13.145	0.006	20.310	-0.007	20.344	0.011	20.379	0.019	20.417	0.021
13.164	0.014	13.210	0.011	13.247	-0.003	13.276	-0.008	20.434	-0.012	20.482	0.002	20.529	0.017	20.560	0.015
13.287	-0.013	13.335	-0.010	13.366	-0.008	13.396	-0.010	20.595	0.020	20.632	0.018	20.666	0.019	20.684	0.014
13.405	-0.005	13.420	-0.000	13.454	-0.005	13.483	-0.012	20.725	0.004	20.775	0.005	20.831	0.015	20.885	0.010
13.518	-0.015	13.550	-0.007	13.568	-0.005	13.609	-0.004	20.930	0.021	20.984	0.019	21.030	0.022	21.067	0.022
13.616	-0.002	13.648	0.011	13.681	0.008	13.706	-0.002	21.101	0.025	21.135	0.015	21.172	0.005	21.215	0.008
13.724	-0.004	13.750	-0.011	13.782	-0.014	13.806	-0.006	21.268	0.021	21.310	0.011	21.361	0.014	21.372	0.014
13.807	-0.006	13.825	-0.004	13.847	0.004	13.861	0.009	21.398	0.017	21.429	0.017	21.463	0.010	21.498	0.008
13.881	0.019	13.912	0.034	13.939	0.032	13.953	0.024	21.515	0.013	21.542	0.020	21.573	0.006	21.613	0.004
13.979	0.009	14.001	0.004	14.028	0.009	14.049	0.010	21.653	0.016	21.675	0.014	21.678	0.014	21.692	0.004
14.081	-0.000	14.106	0.002	14.125	-0.000	14.142	-0.003	21.726	-0.008	21.771	-0.010	21.805	-0.005	21.839	-0.017
14.164	-0.008	14.197	-0.008	14.221	-0.005	14.243	0.002	21.876	-0.017	21.917	-0.009	21.957	-0.016	22.009	-0.016
14.279	-0.003	14.308	-0.005	14.333	-0.010	14.344	-0.013	22.055	-0.025	22.089	-0.037	22.142	-0.027	22.201	-0.008
14.384	-0.013	14.419	-0.015	14.445	-0.023	14.483	-0.013	22.255	-0.018	22.309	-0.017	22.323	-0.014	22.354	-0.011
14.503	-0.006	14.556	-0.003	14.589	-0.008	14.646	0.004	22.398	0.002	22.437	0.009	22.480	0.018	22.538	0.016
14.682	0.032	14.718	0.037	14.750	0.044	14.793	0.037	22.592	0.011	22.634	0.005	22.675	-0.005	22.724	-0.014
14.818	0.017	14.866	0.014	14.883	0.020	14.915	0.039	22.775	-0.019	22.847	-0.005	22.891	0.008	22.945	0.031
14.942	0.035	14.955	0.030	14.988	0.017	15.009	0.010	23.010	0.034	23.064	0.037	23.116	0.040	23.151	0.038
15.050	0.002	15.077	-0.002	15.099	-0.005	15.142	-0.005	23.169	0.043	23.198	0.045	23.221	0.041	23.265	0.026
15.170	-0.004	15.215	-0.007	15.257	-0.009	15.296	-0.016	23.316	0.034	23.359	0.024	23.404	0.020	23.432	0.000
15.345	-0.018	15.378	-0.013	15.429	-0.018	15.482	0.002	23.477	0.010	23.525	0.008	23.544	0.003	23.554	0.001
15.532	0.008	15.574	0.013	15.622	0.001	15.670	0.003	23.567	-0.004	23.609	-0.014	23.658	-0.021	23.715	-0.013
15.727	0.014	15.793	0.019	15.825	0.039	15.862	0.052	23.765	-0.013	23.826	-0.012	23.875	-0.007	23.917	0.006
15.900	0.032	15.951	0.020	15.981	0.013	16.022	0.003	23.952	0.001	24.002	0.004	24.053	-0.006	24.122	-0.008
16.066	-0.009	16.111	-0.004	16.149	0.006	16.190	0.009	24.157	-0.008	24.173	-0.018	24.211	-0.017	24.255	-0.017
16.242	-0.001	16.292	-0.000	16.331	0.002	16.388	0.005	24.279	-0.019	24.280	-0.019	24.323	-0.014	24.363	-0.009
16.418	0.000	16.468	0.018	16.504	0.036	16.551	0.033	24.424	-0.008	24.471	-0.013	24.519	-0.010	24.531	-0.010
16.589	0.016	16.651	0.017	16.697	0.027	16.750	0.025	24.575	-0.005	24.619	0.001	24.665	-0.006	24.719	-0.006
16.782	0.008	16.820	-0.015	16.883	-0.019	16.906	-0.011	24.779	-0.008	24.833	-0.010	24.875	0.001	24.939	-0.009
16.940	-0.001	16.968	0.001	16.988	0.007	17.016	0.009	24.999	-0.003	25.064	-0.005	25.134	0.003	25.188	0.007
17.042	0.017	17.050	0.014	17.092	0.010	17.116	0.007	25.246	0.023	25.305	0.029	25.348	0.032	25.406	0.018
17.148	0.008	17.166	0.010	17.189	0.013	17.216	0.006	25.467	0.015	25.530	0.008	25.583	-0.000	25.644	0.003
17.245	0.001	17.279	0.016	17.309	0.019	17.351	0.004	25.703	0.004	25.714	0.007	25.765	-0.010	25.804	0.001
17.382	-0.005	17.425	0.005	17.469	0.010	17.509	0.015	25.824	-0.006	25.860	-0.015	25.892	-0.027	25.944	-0.029
17.551	0.016	17.576	0.016	17.615	0.009	17.662	0.014	26.008	-0.017	26.050	-0.019	26.128	-0.020	26.174	-0.022
17.707	0.014	17.751	0.007	17.787	0.009	17.821	0.002	26.230	-0.009	26.276	-0.005	26.331	-0.007	26.392	-0.003
17.862	-0.003	17.907	0.015	17.965	0.015	18.002	0.015	26.439	-0.007	26.507	0.004	26.576	0.003	26.635	0.012
18.041	0.016	18.092	0.011	18.114	0.021	18.145	0.023	26.707	0.026	26.765	0.028	26.822	0.022	26.860	0.013
18.181	0.014	18.204	-0.006	18.244	-0.001	18.259	-0.001	26.891	0.003	26.935	-0.003	26.977	0.001	27.021	0.012
18.287	-0.006	18.308	-0.008	18.339	-0.006	18.358	0.002	27.042	0.026	27.125	0.024	27.155	0.010	27.173	0.003
18.380	0.012	18.410	0.014	18.440	0.010	18.477	0.012	27.196	-0.002	27.223	-0.004	27.247	-0.004	27.250	-0.004
18.506	0.015	18.532	0.010	18.545	0.012	18.575	0.020	27.255	0.004	27.283	0.004	27.309	-0.003	27.333	-0.003

27.359	-0.003	27.387	0.004	27.418	0.007	27.436	0.007	32.738	0.015	32.749	0.010	32.790	0.008	32.813	0.008
27.454	0.007	27.465	0.010	27.476	0.007	27.480	0.005	32.848	0.008	32.880	0.006	32.913	0.004	32.941	0.004
27.504	0.005	27.519	0.002	27.531	-0.000	27.553	-0.000	33.017	-0.004	33.093	-0.011	33.175	-0.008	33.200	-0.008
27.565	-0.005	27.598	0.004	27.621	0.007	27.648	0.009	33.228	-0.010	33.278	-0.013	33.316	-0.015	33.345	-0.010
27.678	0.009	27.692	0.008	27.724	0.008	27.766	0.003	33.366	-0.007	33.403	-0.007	33.420	-0.007	33.448	-0.007
27.828	-0.004	27.880	-0.004	27.880	-0.005	27.915	-0.008	33.470	-0.007	33.501	-0.007	33.522	-0.007	33.541	-0.007
27.924	-0.008	27.961	-0.013	27.990	-0.015	28.046	-0.020	33.587	-0.006	33.600	-0.009	33.628	-0.009	33.647	-0.009
28.069	-0.023	28.087	-0.023	28.119	-0.020	28.142	-0.018	33.680	-0.008	33.702	-0.006	33.723	-0.003	33.732	-0.001
28.149	-0.018	28.174	-0.015	28.198	-0.004	28.228	0.001	33.751	-0.001	33.777	-0.000	33.798	-0.000	33.831	-0.000
28.255	0.007	28.283	0.005	28.311	0.008	28.327	0.003	33.859	-0.000	33.877	0.000	33.894	0.000	33.917	0.000
28.351	0.003	28.371	0.004	28.388	0.006	28.401	0.004	33.946	0.000	33.963	0.001	34.008	-0.009	34.046	-0.009
28.421	0.004	28.433	0.002	28.438	0.002	28.446	0.004	34.061	-0.011	34.095	-0.018	34.105	-0.018	34.137	-0.018
28.456	0.007	28.489	0.007	28.510	0.010	28.527	0.007	34.163	-0.013	34.187	-0.013	34.208	-0.015	34.246	-0.017
28.539	0.012	28.565	0.015	28.578	0.013	28.600	0.013	34.262	-0.017	34.309	-0.015	34.319	-0.014	34.352	-0.014
28.614	0.013	28.628	0.010	28.641	0.006	28.665	0.003	34.397	-0.014	34.429	-0.006	34.457	0.002	34.467	0.005
28.676	0.006	28.702	0.003	28.707	0.003	28.743	0.006	34.484	0.010	34.510	0.022	34.541	0.023	34.570	0.021
28.756	0.006	28.776	0.003	28.787	0.000	28.795	0.000	34.709	0.005	34.731	0.007	34.775	0.008	34.810	0.001
28.807	0.003	28.829	0.005	28.835	0.003	28.856	0.003	34.823	-0.002	34.857	-0.004	34.888	-0.004	34.915	-0.011
28.863	0.000	28.895	0.003	28.906	0.003	28.924	0.003	34.947	-0.010	34.969	-0.008	34.991	-0.013	35.019	-0.012
28.940	0.000	28.954	-0.002	28.977	-0.005	29.000	-0.002	35.035	-0.010	35.054	-0.007	35.083	-0.002	35.110	0.006
29.017	0.000	29.037	0.000	29.061	0.005	29.085	0.002	35.135	0.006	35.160	0.006	35.178	0.009	35.186	0.014
29.110	0.007	29.136	0.007	29.136	0.007	29.161	0.002	35.204	0.014	35.232	0.017	35.265	0.017	35.279	0.017
29.189	0.002	29.198	-0.003	29.211	-0.002	29.235	-0.002	35.295	0.017	35.310	0.017	35.338	0.015	35.352	0.015
29.257	-0.005	29.271	-0.007	29.288	-0.010	29.312	-0.012	35.375	0.008	35.398	0.008	35.420	-0.002	35.437	0.003
29.316	-0.012	29.335	-0.012	29.372	-0.012	29.384	-0.012	35.472	0.004	35.505	0.001	35.535	0.002	35.548	-0.003
29.417	-0.012	29.434	-0.012	29.461	-0.002	29.484	-0.002	35.581	-0.006	35.601	-0.006	35.621	-0.011	35.650	-0.018
29.510	-0.002	29.538	-0.007	29.555	0.001	29.568	-0.004	35.673	-0.020	35.696	-0.025	35.737	-0.028	35.750	-0.028
29.598	-0.001	29.614	-0.006	29.628	-0.006	29.641	-0.009	35.765	-0.025	35.788	-0.025	35.819	-0.023	35.827	-0.022
29.662	-0.006	29.682	-0.006	29.708	-0.006	29.726	-0.005	35.846	-0.022	35.860	-0.024	35.904	-0.024	35.940	-0.024
29.762	-0.008	29.783	-0.003	29.806	-0.003	29.829	-0.005	35.981	-0.024	36.007	-0.021	36.034	-0.016	36.059	-0.008
29.859	-0.005	29.867	-0.005	29.899	-0.007	29.923	-0.007	36.082	-0.008	36.106	-0.010	36.122	-0.005	36.151	-0.005
29.944	-0.007	29.979	-0.009	30.000	-0.006	30.030	-0.011	36.170	-0.002	36.192	-0.002	36.215	-0.002	36.221	-0.002
30.053	-0.013	30.072	-0.021	30.110	-0.020	30.139	-0.015	36.239	0.004	36.257	0.001	36.285	-0.003	36.311	-0.003
30.154	-0.010	30.183	-0.009	30.209	-0.009	30.213	-0.017	36.319	-0.003	36.337	-0.000	36.346	-0.000	36.368	-0.003
30.232	-0.016	30.246	-0.019	30.269	-0.018	30.292	-0.023	36.383	-0.002	36.400	-0.002	36.424	0.000	36.443	-0.002
30.339	-0.022	30.373	-0.022	30.411	-0.021	30.453	-0.013	36.469	0.003	36.498	0.001	36.513	0.004	36.537	0.006
30.512	-0.015	30.569	-0.007	30.578	-0.007	30.605	-0.004	36.558	0.007	36.572	0.007	36.591	0.007	36.604	0.005
30.649	0.001	30.672	0.006	30.719	0.011	30.747	0.014	36.625	-0.002	36.640	0.003	36.654	-0.002	36.673	-0.002
30.766	0.014	30.800	0.007	30.834	0.007	30.838	-0.001	36.695	-0.002	36.737	-0.001	36.748	-0.001	36.761	-0.001
30.880	-0.000	30.912	-0.005	30.936	-0.005	30.962	-0.002	36.773	-0.001	36.790	-0.001	36.804	-0.001	36.837	-0.001
30.986	-0.002	31.015	-0.002	31.056	0.003	31.074	0.003	36.855	0.002	36.892	-0.000	36.909	-0.000	36.920	-0.002
31.097	0.003	31.117	0.003	31.141	0.003	31.174	0.004	36.960	-0.002	36.988	-0.009	37.019	-0.009	37.043	-0.009
31.206	0.004	31.240	0.001	31.245	-0.001	31.269	-0.001	37.055	-0.009	37.065	-0.009	37.093	-0.009	37.102	-0.009
31.306	-0.001	31.331	-0.006	31.354	-0.010	31.372	-0.013	37.137	-0.003	37.145	-0.003	37.161	-0.008	37.185	-0.008
31.416	-0.020	31.433	-0.025	31.475	-0.030	31.506	-0.032	37.202	-0.008	37.228	-0.008	37.253	-0.008	37.255	-0.010
31.520	-0.032	31.539	-0.032	31.563	-0.031	31.604	-0.026	37.298	-0.012	37.308	-0.010	37.332	-0.012	37.339	-0.014
31.645	-0.025	31.670	-0.025	31.698	-0.024	31.707	-0.024	37.354	-0.014	37.383	-0.017	37.409	-0.017	37.435	-0.016
31.752	-0.023	31.762	-0.023	31.787	-0.022	31.811	-0.022	37.453	-0.016	37.500	-0.016	37.517	-0.016	37.531	-0.016
31.845	-0.016	31.881	-0.006	31.908	-0.004	31.919	0.005	37.551	-0.011	37.599	-0.010	37.599	-0.010	37.614	-0.005
31.941	0.005	31.976	0.006	32.010	0.004	32.044	0.005	37.635	-0.005	37.662	0.000	37.689	0.000	37.698	0.001
32.072	0.005	32.089	0.005	32.128	0.001	32.149	0.001	37.726	0.001	37.753	-0.001	37.761	-0.0165	37.772	0.006
32.199	0.001	32.227	-0.006	32.254	-0.006	32.265	-0.005	37.805	-0.013	37.815	-0.013	37.839	-0.013	37.850	-0.012
32.289	-0.003	32.323	0.008	32.334	0.005	32.373	0.003	37.874	-0.012	37.890	-0.009	37.903	-0.009	37.925	-0.009
32.390	0.003	32.424	0.004	32.462	0.004	32.473	0.006	37.931	-0.011	37.961	-0.011	37.970	-0.011	37.993	-0.011
32.513	0.004	32.547	0.007	32.577	0.012	32.597	0.015	38.009	-0.013	38.044	-0.022	38.069	-0.024	38.093	-0.029
32.634	0.015	32.654	0.015	32.683	0.015	32.707	0.015								

38.118	-0.029	38.134	-0.029	38.146	-0.024	38.166	-0.024	43.126	-0.024	43.151	-0.022	43.166	-0.019	43.186	-0.014
38.180	-0.024	38.207	-0.026	38.229	-0.031	38.246	-0.028	43.208	-0.014	43.241	-0.006	43.256	-0.003	43.275	0.005
38.263	-0.030	38.280	-0.030	38.296	-0.030	38.316	-0.030	43.288	0.005	43.310	0.007	43.331	0.008	43.338	0.013
38.335	-0.030	38.355	-0.027	38.378	-0.027	38.395	-0.027	43.369	0.013	43.394	0.016	43.402	0.011	43.438	0.016
38.419	-0.027	38.437	-0.027	38.457	-0.026	38.474	-0.026	43.459	0.016	43.482	0.007	43.503	0.007	43.528	0.005
38.504	-0.021	38.526	-0.009	38.546	-0.003	38.569	0.002	43.544	-0.005	43.565	-0.002	43.584	-0.001	43.596	-0.006
38.587	0.004	38.608	0.004	38.627	0.005	38.639	0.005	43.620	-0.008						
38.656	0.005	38.672	0.002	38.689	0.000	38.707	0.000								
38.730	0.000	38.750	0.001	38.764	0.001	38.792	0.001								
38.808	0.001	38.822	-0.001	38.853	0.002	38.858	0.002								
38.883	0.000	38.901	0.000	38.933	0.001	38.956	0.004								
38.966	0.009	38.993	0.007	39.014	0.012	39.047	0.012								
39.059	0.012	39.065	0.013	39.112	0.021	39.122	0.021								
39.150	0.021	39.162	0.021	39.183	0.019	39.218	0.019								
39.228	0.022	39.261	0.022	39.298	0.020	39.308	0.023								
39.343	0.021	39.357	0.021	39.409	0.019	39.436	0.014								
39.445	0.014	39.502	0.015	39.531	0.015	39.558	0.008								
39.596	0.006	39.620	0.004	39.653	-0.006	39.680	-0.003								
39.698	-0.013	39.726	-0.007	39.738	-0.012	39.772	-0.012								
39.792	-0.012	39.811	-0.012	39.840	-0.011	39.841	-0.021								
39.886	-0.021	39.905	-0.025	39.938	-0.025	39.970	-0.025								
39.987	-0.024	40.016	-0.027	40.032	-0.024	40.053	-0.024								
40.094	-0.028	40.100	-0.028	40.136	-0.028	40.159	-0.025								
40.175	-0.025	40.205	-0.026	40.225	-0.026	40.255	-0.026								
40.293	-0.025	40.313	-0.025	40.330	-0.024	40.361	-0.024								
40.396	-0.023	40.412	-0.020	40.438	-0.020	40.461	-0.009								
40.471	-0.009	40.500	-0.011	40.523	-0.011	40.542	-0.008								
40.571	-0.002	40.585	0.003	40.616	0.003	40.636	0.004								
40.664	0.004	40.687	0.002	40.688	0.002	40.733	0.003								
40.749	0.003	40.778	0.003	40.802	0.003	40.824	0.004								
40.852	-0.001	40.875	0.002	40.897	-0.001	40.908	-0.001								
40.925	-0.000	40.961	-0.003	40.988	-0.002	41.010	-0.002								
41.037	-0.007	41.043	-0.002	41.083	-0.004	41.099	-0.004								
41.114	-0.004	41.129	-0.004	41.149	-0.006	41.179	-0.008								
41.216	-0.010	41.240	-0.010	41.265	-0.015	41.295	-0.020								
41.341	-0.019	41.360	-0.019	41.378	-0.019	41.417	-0.021								
41.439	-0.021	41.463	-0.021	41.499	-0.021	41.527	-0.020								
41.557	-0.018	41.575	-0.013	41.608	-0.012	41.632	-0.010								
41.650	-0.010	41.667	-0.004	41.693	-0.004	41.723	0.001								
41.743	0.001	41.760	0.001	41.785	-0.001	41.802	0.001								
41.822	-0.001	41.832	0.004	41.853	0.002	41.868	-0.003								
41.875	-0.000	41.899	-0.000	41.918	-0.000	41.937	-0.002								
41.954	-0.002	41.966	-0.002	41.980	-0.002	41.997	-0.002								
42.008	-0.002	42.032	0.001	42.052	0.003	42.069	0.001								
42.081	-0.001	42.095	-0.001	42.107	0.001	42.126	0.007								
42.136	0.004	42.166	0.004	42.186	0.005	42.203	0.005								
42.217	0.002	42.238	0.003	42.260	0.000	42.283	0.001								
42.305	0.001	42.310	-0.004	42.345	-0.004	42.363	-0.003								
42.390	-0.003	42.412	-0.005	42.430	-0.008	42.447	-0.007								
42.461	-0.007	42.479	-0.007	42.506	-0.009	42.523	-0.009								
42.541	-0.009	42.559	-0.008	42.576	-0.008	42.597	-0.008								
42.621	-0.005	42.639	-0.005	42.666	-0.002	42.686	-0.004								
42.710	-0.009	42.725	-0.006	42.759	-0.008	42.787	-0.013								
42.817	-0.017	42.847	-0.019	42.866	-0.024	42.886	-0.026								
42.915	-0.025	42.945	-0.025	42.965	-0.027	42.998	-0.031								
43.028	-0.028	43.057	-0.030	43.084	-0.030	43.106	-0.025								

323 POINTS 21.512 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0280 G/10.

[illegible]

IY378

68.72 4/8/68 1830PST L.A. SUBWAY TERMINAL, BASEMENT

S38W

365 POINTS 21.465 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0310 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.052	0.124	-0.054	0.191	-0.061	0.245	-0.058	0.281	-0.027	0.324	-0.047	0.364	-0.070	0.401	-0.085	0.437	-0.098	0.474	-0.111
0.302	-0.061	0.363	-0.065	0.411	-0.063	0.459	-0.050	0.507	-0.040	0.554	-0.030	0.602	-0.018	0.650	-0.006	0.697	0.006	0.745	0.018
0.497	-0.043	0.529	-0.035	0.564	-0.025	0.612	-0.017	0.660	0.000	0.708	0.011	0.756	0.023	0.804	0.035	0.852	0.047	0.900	0.059
0.653	-0.012	0.692	-0.005	0.727	0.003	0.765	0.018	0.803	0.031	0.841	0.044	0.879	0.057	0.917	0.070	0.955	0.083	0.993	0.096
0.791	0.031	0.813	0.033	0.839	0.026	0.880	0.019	0.918	0.006	0.956	-0.006	0.994	-0.019	1.032	-0.032	1.070	-0.045	1.108	-0.058
0.928	0.021	0.954	0.017	0.980	0.004	1.008	0.004	1.036	-0.004	1.064	-0.017	1.092	-0.030	1.120	-0.043	1.148	-0.056	1.176	-0.069
1.044	0.010	1.085	0.017	1.111	0.020	1.144	0.035	1.176	0.048	1.208	0.061	1.240	0.074	1.272	0.087	1.304	0.100	1.336	0.113
1.176	0.055	1.218	0.075	1.241	0.088	1.280	0.108	1.318	0.121	1.356	0.134	1.394	0.147	1.432	0.160	1.470	0.173	1.508	0.186
1.312	0.118	1.358	0.116	1.400	0.108	1.439	0.094	1.478	0.081	1.517	0.068	1.556	0.055	1.595	0.042	1.634	0.029	1.673	0.016
1.477	0.081	1.523	0.079	1.552	0.059	1.594	0.039	1.633	-0.009	1.672	-0.040	1.711	-0.071	1.750	-0.102	1.789	-0.133	1.828	-0.164
1.630	0.029	1.709	0.032	1.801	0.029	1.863	0.024	1.925	-0.009	1.987	-0.039	2.049	-0.069	2.111	-0.099	2.173	-0.129	2.235	-0.159
1.909	0.022	1.932	0.014	1.998	-0.031	2.034	-0.048	2.070	-0.065	2.106	-0.082	2.142	-0.099	2.178	-0.116	2.214	-0.133	2.250	-0.150
2.086	-0.051	2.122	-0.056	2.158	-0.049	2.198	-0.042	2.234	-0.029	2.270	0.000	2.306	0.031	2.342	0.052	2.378	0.073	2.414	0.094
2.244	-0.052	2.280	-0.062	2.316	-0.062	2.368	-0.057	2.404	-0.044	2.440	-0.021	2.476	0.000	2.512	0.021	2.548	0.042	2.584	0.063
2.437	-0.055	2.496	-0.043	2.558	-0.026	2.611	-0.008	2.664	0.011	2.717	0.032	2.770	0.053	2.823	0.074	2.876	0.095	2.929	0.116
2.657	0.017	2.689	0.026	2.755	0.031	2.811	0.039	2.868	0.047	2.925	0.055	2.982	0.063	3.039	0.071	3.096	0.079	3.153	0.087
2.853	0.033	2.912	0.016	2.968	0.003	3.024	-0.009	3.080	-0.026	3.136	-0.043	3.192	-0.060	3.248	-0.077	3.304	-0.094	3.360	-0.111
3.030	0.018	3.080	0.048	3.119	0.068	3.162	0.085	3.205	0.102	3.248	0.119	3.291	0.136	3.334	0.153	3.377	0.170	3.420	0.187
3.208	0.103	3.241	0.093	3.284	0.065	3.360	0.019	3.436	-0.035	3.512	-0.081	3.588	-0.143	3.664	-0.205	3.740	-0.267	3.816	-0.329
3.406	0.028	3.435	0.013	3.485	0.013	3.554	-0.019	3.621	-0.044	3.688	-0.069	3.755	-0.094	3.822	-0.119	3.889	-0.144	3.956	-0.169
3.623	-0.017	3.679	-0.029	3.739	-0.019	3.821	-0.044	3.896	-0.069	3.971	-0.094	4.046	-0.119	4.121	-0.144	4.196	-0.169	4.271	-0.194
3.887	-0.034	3.960	-0.049	4.036	-0.034	4.129	-0.059	4.204	-0.084	4.279	-0.109	4.354	-0.134	4.429	-0.159	4.504	-0.184	4.579	-0.209
4.193	-0.049	4.266	-0.064	4.336	-0.055	4.410	-0.035	4.484	0.000	4.558	0.021	4.632	0.042	4.706	0.063	4.780	0.084	4.854	0.105
4.467	-0.007	4.514	-0.002	4.628	-0.018	4.685	-0.008	4.742	0.011	4.800	0.022	4.857	0.033	4.914	0.044	4.971	0.055	5.028	0.066
4.746	-0.001	4.817	0.032	4.864	0.032	4.925	0.029	4.986	0.017	5.047	-0.003	5.108	-0.014	5.169	-0.025	5.230	-0.036	5.291	-0.047
4.979	0.008	5.047	-0.006	5.101	0.001	5.177	0.017	5.253	0.032	5.329	0.047	5.405	0.062	5.481	0.077	5.557	0.092	5.633	0.107
5.247	0.008	5.294	0.018	5.357	0.025	5.414	0.028	5.471	0.031	5.528	0.034	5.585	0.037	5.642	0.040	5.699	0.043	5.756	0.046
5.467	0.005	5.521	-0.020	5.551	-0.025	5.620	-0.010	5.689	-0.003	5.758	0.004	5.827	0.017	5.896	0.030	5.965	0.043	6.034	0.056
5.685	-0.010	5.738	0.010	5.774	-0.000	5.832	-0.025	5.886	-0.009	5.940	-0.014	5.994	-0.019	6.048	-0.024	6.102	-0.029	6.156	-0.034
5.865	-0.040	5.914	-0.033	5.980	-0.025	6.026	-0.025	6.072	-0.025	6.118	-0.025	6.164	-0.025	6.210	-0.025	6.256	-0.025	6.302	-0.025
6.078	-0.033	6.140	-0.045	6.176	-0.040	6.244	-0.023	6.312	-0.006	6.380	0.011	6.448	0.026	6.516	0.041	6.584	0.056	6.652	0.071
6.296	-0.010	6.342	-0.005	6.391	0.002	6.440	0.012	6.489	0.027	6.538	0.042	6.587	0.057	6.636	0.072	6.685	0.087	6.734	0.102
6.492	0.025	6.537	0.042	6.580	0.065	6.613	0.057	6.656	0.080	6.699	0.093	6.742	0.106	6.785	0.119	6.828	0.132	6.871	0.145
6.666	0.037	6.739	0.037	6.818	0.028	6.872	0.035	6.926	0.042	6.980	0.049	7.034	0.056	7.088	0.063	7.142	0.070	7.196	0.077
6.931	0.048	7.014	0.058	7.093	0.050	7.101	0.053	7.109	0.056	7.117	0.059	7.125	0.062	7.133	0.065	7.141	0.068	7.149	0.071
7.161	0.048	7.214	0.058	7.284	0.065	7.324	0.068	7.364	0.071	7.404	0.074	7.444	0.077	7.484	0.080	7.524	0.083	7.564	0.086
7.357	0.060	7.421	0.016	7.487	-0.002	7.541	-0.017	7.595	-0.032	7.649	-0.047	7.703	-0.062	7.757	-0.077	7.811	-0.092	7.865	-0.107
7.594	-0.009	7.667	-0.042	7.706	-0.042	7.779	-0.074	7.852	-0.107	7.925	-0.140	8.000	-0.173	8.073	-0.206	8.146	-0.239	8.219	-0.272
7.832	-0.067	7.898	-0.082	7.941	-0.072	8.018	-0.025	8.095	0.020	8.172	0.065	8.249	0.108	8.326	0.151	8.403	0.194	8.480	0.237
8.081	0.008	8.134	0.025	8.154	0.020	8.207	-0.005	8.259	-0.030	8.311	-0.055	8.363	-0.080	8.415	-0.105	8.467	-0.130	8.519	-0.155

18.146	0.023	18.296	0.010	18.389	0.015	18.463	0.010
18.520	0.005	18.607	-0.012	18.644	-0.005	18.705	-0.005
18.766	-0.002	18.840	0.000	18.921	0.000	18.948	0.003
18.992	-0.005	19.039	-0.010	19.110	-0.005	19.221	0.007
19.268	0.025	19.315	0.027	19.399	0.020	19.443	0.012
19.614	0.015	19.694	0.012	19.757	-0.005	19.840	-0.015
19.903	-0.035	19.947	-0.028	20.033	-0.015	20.120	-0.008
20.196	0.004	20.259	0.022	20.299	0.027	20.386	0.019
20.439	0.004	20.529	-0.006	20.619	-0.013	20.682	-0.020
20.752	-0.015	20.825	-0.015	20.918	-0.018	20.995	-0.010
21.125	0.000	21.192	0.008	21.277	0.018	21.354	0.023
21.465	0.030						

IY378

68.72 4/8/68 1830PST L.A. SUBWAY TERMINAL, BASEMENT UP

336 POINTS 21.502 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0142 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.012	0.090	0.012	0.201	-0.006	0.274	0.007	8.417	0.002	8.487	0.010	8.577	-0.006	8.600	-0.016	8.680	-0.001
0.344	0.004	0.408	0.001	0.446	0.001	0.481	0.011	8.680	-0.031	8.723	-0.021	8.786	-0.001	8.840	0.012	8.889	0.004
0.526	0.016	0.571	0.019	0.602	0.016	0.638	0.008	8.889	0.019	8.963	0.009	9.009	0.004	9.056	-0.001	9.109	-0.006
0.673	0.016	0.714	0.023	0.740	0.023	0.785	0.013	9.109	-0.006	9.175	-0.011	9.209	-0.011	9.235	-0.001	9.308	0.019
0.849	0.010	0.894	0.003	0.929	0.002	0.967	0.005	9.308	0.019	9.375	0.029	9.438	0.039	9.505	0.029	9.558	0.014
1.022	0.007	1.060	0.020	1.099	0.027	1.147	0.019	9.558	0.014	9.631	0.004	9.668	-0.006	9.725	-0.001	9.795	0.001
1.186	0.009	1.231	-0.004	1.264	0.001	1.306	0.001	9.795	0.001	9.842	0.012	9.899	0.017	9.966	0.004	10.029	0.019
1.355	-0.007	1.394	-0.004	1.445	-0.004	1.491	-0.002	10.029	0.019	10.070	0.019	10.136	0.009	10.212	-0.004	10.279	-0.009
1.517	0.003	1.562	0.005	1.595	-0.002	1.634	-0.012	10.279	-0.009	10.348	-0.021	10.425	-0.039	10.494	-0.054	10.561	-0.049
1.670	-0.018	1.719	-0.013	1.772	-0.018	1.814	-0.018	10.561	-0.049	10.627	-0.031	10.704	-0.006	10.757	0.006	10.817	0.037
1.857	-0.023	1.893	-0.025	1.932	-0.010	1.985	0.008	10.817	0.037	10.883	0.037	10.927	0.024	11.020	0.017	11.080	0.001
2.021	-0.000	2.063	-0.008	2.103	-0.013	2.152	-0.013	11.080	0.001	11.146	-0.011	11.203	-0.006	11.290	0.017	11.357	0.027
2.208	-0.020	2.260	-0.008	2.286	-0.015	2.319	-0.018	11.357	0.027	11.451	0.032	11.534	0.034	11.601	0.024	11.675	0.022
2.349	-0.003	2.381	0.007	2.417	0.012	2.450	0.002	11.675	0.022	11.735	0.014	11.832	0.024	11.919	0.017	11.996	0.004
2.483	-0.003	2.532	0.005	2.578	-0.003	2.637	-0.010	11.996	0.004	12.056	-0.019	12.100	-0.026	12.177	-0.009	12.245	0.004
2.663	-0.003	2.693	-0.008	2.736	-0.015	2.775	-0.023	12.245	0.004	12.312	-0.006	12.444	-0.011	12.484	-0.009	12.538	-0.016
2.808	-0.031	2.847	-0.023	2.896	-0.015	2.945	-0.008	12.538	-0.016	12.643	-0.009	12.733	-0.016	12.844	-0.004	12.955	0.014
2.981	0.002	3.017	0.008	3.060	0.013	3.100	0.005	12.955	0.014	13.083	-0.007	13.110	-0.004	13.179	0.003	13.266	0.008
3.142	-0.002	3.182	-0.007	3.241	0.010	3.281	0.013	13.266	0.008	13.349	0.008	13.416	0.029	13.456	0.029	13.526	0.013
3.337	0.008	3.389	0.013	3.445	0.002	3.518	0.005	13.526	0.013	13.575	0.001	13.652	0.018	13.721	0.028	13.791	0.031
3.574	-0.005	3.630	-0.010	3.703	-0.038	3.749	-0.036	13.791	0.031	13.874	0.028	13.940	0.018	14.019	0.008	14.112	-0.002
3.802	-0.023	3.854	-0.013	3.891	0.002	3.934	0.015	14.112	-0.002	14.158	-0.005	14.281	-0.005	14.361	-0.020	14.420	-0.025
3.970	0.012	4.016	0.017	4.049	0.010	4.092	-0.001	14.420	-0.025	14.474	-0.020	14.543	-0.015	14.637	-0.008	14.674	0.005
4.119	-0.003	4.169	0.007	4.223	0.022	4.289	0.015	14.674	0.005	14.734	0.010	14.774	0.002	14.835	-0.008	14.872	-0.016
4.407	0.007	4.517	0.015	4.574	0.010	4.641	-0.008	14.872	-0.016	14.925	-0.003	14.996	0.002	15.069	0.004	15.147	0.022
4.722	-0.013	4.783	-0.020	4.830	-0.007	4.881	0.000	15.147	0.022	15.211	0.035	15.254	0.027	15.315	0.024	15.429	0.014
4.935	0.006	4.989	0.013	5.067	-0.004	5.130	0.008	15.429	0.014	15.560	0.007	15.604	-0.001	15.657	-0.014	15.714	-0.019
5.210	0.006	5.257	-0.002	5.350	-0.022	5.387	-0.014	15.714	-0.019	15.757	-0.009	15.831	0.001	15.901	0.006	15.944	-0.012
5.460	0.009	5.507	0.001	5.577	-0.009	5.633	-0.004	15.944	-0.012	15.974	0.006	16.031	-0.004	16.071	-0.009	16.148	-0.014
5.715	-0.021	5.784	-0.001	5.849	0.004	5.918	0.016	16.148	-0.014	16.201	-0.016	16.268	-0.009	16.351	-0.001	16.411	-0.001
5.957	0.011	6.023	0.021	6.068	0.011	6.127	-0.006	16.411	-0.001	16.484	0.004	16.544	-0.006	16.600	-0.001	16.677	0.001
6.182	-0.019	6.244	-0.014	6.293	-0.002	6.349	0.009	16.677	0.001	16.736	-0.004	16.843	0.006	16.998	-0.009	17.098	0.001
6.414	0.001	6.482	-0.002	6.541	-0.002	6.606	-0.025	17.098	0.001	17.171	0.012	17.261	0.007	17.351	0.009	17.395	0.019
6.649	-0.022	6.729	-0.012	6.812	0.003	6.872	0.013	17.395	0.019	17.468	0.019	17.541	0.004	17.608	-0.006	17.688	-0.001
6.925	0.023	6.981	0.025	7.017	0.015	7.064	0.002	17.688	-0.001	17.795	-0.008	17.895	-0.003	18.012	-0.003	18.146	-0.001
7.090	0.007	7.140	0.012	7.210	0.004	7.270	0.004	18.146	-0.001	18.239	-0.003	18.333	-0.008	18.413	-0.005	18.523	-0.013
7.347	-0.003	7.397	-0.001	7.470	-0.014	7.547	-0.014	18.523	-0.013	18.613	-0.023	18.725	-0.010	18.890	-0.017	18.940	-0.007
7.610	-0.024	7.686	-0.012	7.776	0.001	7.859	-0.002	18.940	-0.007	19.029	-0.007	19.125	-0.002	19.251	-0.006	19.480	-0.001
7.925	-0.012	7.994	0.008	8.047	0.010	8.107	0.005	19.480	-0.001	19.564	-0.016	19.647	-0.004	19.684	-0.006	19.760	-0.016
8.187	-0.013	8.240	-0.018	8.297	-0.010	8.374	0.010	19.760	-0.016	19.840	-0.006	19.947	-0.001	20.040	0.004		

20.143	-0.016	20.259	-0.021	20.333	-0.030	20.396	-0.030
20.476	-0.023	20.565	-0.015	20.692	0.008	20.795	0.001
20.885	0.006	20.968	0.004	21.065	0.012	21.135	0.014
21.236	0.014	21.320	0.007	21.398	0.012	21.502	-0.003

61379

68-026. 4/8/68 1830PST CMD BLDG., VERNON, CAL. N83W

2055 POINTS 62.064 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0392 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.031	0.038	-0.022	0.076	-0.008	0.101	0.003	4.642	0.025	4.691	0.039	4.726	0.063	4.776	0.065	4.818	-0.033
0.133	0.009	0.187	0.069	0.213	0.015	0.238	0.012	4.801	0.039	4.821	0.016	4.842	-0.004	4.878	-0.033	4.910	0.065
0.274	0.021	0.297	0.026	0.335	0.026	0.356	0.018	4.907	0.005	4.931	0.039	4.974	0.068	5.006	0.065	5.038	0.065
0.381	0.009	0.417	0.006	0.459	0.015	0.503	0.023	5.037	0.042	5.071	0.025	5.104	0.060	5.130	0.089	5.156	0.089
0.541	0.023	0.583	0.035	0.615	0.037	0.657	0.043	5.173	0.112	5.201	0.112	5.226	0.112	5.256	0.115	5.282	0.115
0.654	0.049	0.728	0.049	0.760	0.043	0.798	0.037	5.309	0.126	5.321	0.126	5.344	0.109	5.374	0.080	5.400	0.080
0.818	0.029	0.840	0.020	0.866	0.017	0.894	0.037	5.395	0.054	5.421	0.019	5.450	-0.013	5.482	-0.030	5.508	-0.030
0.920	0.0	0.942	-0.015	0.968	-0.017	0.990	-0.043	5.517	-0.039	5.551	-0.070	5.578	-0.082	5.604	-0.108	5.630	-0.108
1.033	0.035	1.033	-0.064	1.055	-0.069	1.086	-0.063	5.653	-0.076	5.688	-0.053	5.726	-0.018	5.773	0.01	5.800	0.01
1.118	-0.043	1.155	-0.017	1.181	0.015	1.212	0.038	5.812	0.048	5.838	0.054	5.870	0.042	5.899	0.005	5.920	0.005
1.238	0.034	1.266	0.090	1.303	0.122	1.339	0.142	5.936	-0.027	5.980	-0.034	6.005	-0.041	6.033	-0.050	6.050	-0.050
1.360	0.151	1.380	0.137	1.406	0.122	1.431	0.114	6.064	-0.056	6.089	-0.056	6.135	-0.035	6.160	-0.061	6.180	-0.061
1.459	0.105	1.479	0.085	1.510	0.071	1.534	0.062	6.167	-0.079	6.211	-0.105	6.252	-0.093	6.293	-0.087	6.320	-0.087
1.566	0.042	1.594	0.008	1.610	-0.021	1.652	-0.053	6.318	-0.081	6.350	-0.081	6.385	-0.084	6.418	-0.038	6.440	-0.038
1.650	-0.076	1.667	-0.195	1.681	-0.125	1.709	-0.142	6.448	0.003	6.485	0.035	6.506	0.018	6.520	-0.003	6.540	-0.003
1.737	-0.153	1.767	-0.168	1.791	-0.176	1.821	-0.185	6.544	-0.034	6.581	-0.043	6.601	-0.043	6.616	-0.043	6.630	-0.043
1.844	-0.190	1.864	-0.176	1.904	-0.118	1.932	-0.083	6.654	-0.043	6.685	-0.011	6.724	0.015	6.756	0.033	6.780	0.033
1.958	-0.051	1.997	-0.045	2.034	-0.033	2.064	-0.007	6.781	-0.030	6.803	0.007	6.818	-0.028	6.834	-0.057	6.850	-0.057
2.092	0.007	2.128	0.016	2.158	-0.001	2.179	-0.015	6.856	-0.091	6.895	-0.059	6.922	-0.036	6.956	-0.016	6.980	-0.016
2.207	-0.024	2.261	-0.024	2.259	-0.029	2.321	-0.038	6.977	0.001	7.001	-0.004	7.038	-0.022	7.062	-0.042	7.080	-0.042
2.348	-0.038	2.374	-0.014	2.404	0.023	2.434	0.020	7.083	-0.056	7.111	-0.065	7.132	-0.065	7.164	0.091	7.180	0.091
2.462	0.061	2.486	0.047	2.531	0.027	2.547	0.021	7.197	-0.007	7.							

9.250	0.018	9.290	0.030	9.328	0.027	9.354	0.019	16.028	-0.016	16.056	0.004	16.092	0.030	16.125	0.047
9.355	0.013	9.437	0.045	9.467	0.069	9.505	0.085	16.159	0.061	16.179	0.050	16.207	0.038	16.246	0.035
9.537	0.059	9.564	0.033	9.594	0.024	9.628	0.033	16.286	0.041	16.346	0.049	16.354	0.064	16.391	0.072
9.666	0.027	9.699	0.007	9.715	-0.014	9.741	0.028	16.421	0.055	16.451	0.031	16.471	0.017	16.501	-0.003
9.777	-0.026	9.799	-0.028	9.830	-0.034	9.845	-0.043	16.527	-0.015	16.575	-0.024	16.614	-0.024	16.658	-0.021
9.870	-0.046	9.888	-0.072	9.902	-0.098	9.920	-0.133	16.686	-0.013	16.720	-0.013	16.765	-0.018	16.800	-0.027
9.957	-0.159	9.985	-0.134	9.909	-0.111	10.049	-0.079	16.843	-0.024	16.877	-0.001	16.910	-0.013	16.941	0.013
10.081	-0.048	10.101	-0.019	10.129	0.001	10.157	0.009	16.972	0.002	16.996	0.015	17.020	0.013	17.053	-0.044
10.191	0.021	10.225	0.029	10.257	0.035	10.287	0.017	17.083	-0.056	17.115	-0.053	17.159	-0.036	17.193	-0.039
10.321	-0.003	10.345	-0.021	10.385	-0.038	10.409	-0.047	17.229	-0.047	17.260	-0.050	17.284	-0.053	17.303	-0.053
10.447	-0.047	10.477	-0.053	10.510	-0.053	10.542	-0.044	17.330	-0.062	17.368	-0.062	17.404	-0.062	17.429	-0.073
10.564	-0.030	10.606	-0.018	10.632	-0.039	10.660	-0.053	17.455	-0.091	17.480	-0.096	17.505	-0.108	17.539	-0.088
10.699	-0.076	10.733	-0.044	10.761	-0.007	10.781	0.031	17.568	-0.065	17.598	-0.036	17.624	-0.010	17.648	0.013
10.807	0.060	10.832	0.077	10.872	0.077	10.914	0.077	17.672	0.037	17.702	0.048	17.737	0.057	17.767	0.060
10.950	0.077	10.978	0.077	11.001	0.077	11.027	0.077	17.791	0.025	17.821	0.051	17.862	0.042	17.884	0.034
11.043	0.074	11.067	0.063	11.097	0.048	11.121	0.031	17.910	0.016	18.074	0.022	18.104	0.019	18.141	0.010
11.149	0.031	11.185	0.037	11.219	0.039	11.256	0.048	18.041	0.016	18.074	0.022	18.104	0.019	18.141	0.010
11.284	0.054	11.308	0.065	11.344	0.071	11.376	0.077	18.175	0.004	18.206	-0.002	18.242	-0.007	18.276	-0.002
11.410	0.080	11.450	0.071	11.480	0.068	11.513	0.057	18.318	0.004	18.356	0.018	18.387	0.030	18.417	0.038
11.545	0.042	11.571	0.025	11.593	-0.001	11.627	-0.027	18.435	0.038	18.471	0.030	18.501	0.021	18.541	0.006
11.666	-0.001	11.700	0.022	11.724	0.048	11.744	0.059	18.570	-0.003	18.606	-0.002	18.638	-0.011	18.669	-0.017
11.788	0.062	11.820	0.062	11.851	0.062	11.885	0.050	18.713	-0.022	18.739	-0.031	18.770	-0.034	18.798	-0.034
11.917	0.041	11.937	0.018	11.953	-0.006	11.977	-0.026	18.846	-0.008	18.880	0.015	18.912	0.030	18.950	0.042
12.006	-0.049	12.058	-0.024	12.103	-0.007	12.133	-0.002	18.973	0.033	19.006	0.024	19.032	0.022	19.064	0.027
12.165	0.002	12.187	-0.010	12.200	-0.019	12.226	-0.028	19.110	0.039	19.138	0.051	19.182	0.056	19.214	0.057
12.256	-0.011	12.288	0.0	12.323	-0.001	12.341	-0.012	19.246	0.045	19.286	0.036	19.314	0.025	19.339	0.019
12.369	-0.030	12.387	-0.048	12.420	-0.063	12.458	-0.069	19.375	0.019	19.397	0.013	19.429	0.008	19.462	0.008
12.501	-0.069	12.539	-0.070	12.573	-0.073	12.601	-0.073	19.501	0.008	19.534	0.002	19.562	-0.007	19.585	-0.015
12.631	-0.074	12.633	-0.051	12.671	-0.025	12.691	-0.010	19.608	-0.027	19.650	-0.039	19.663	-0.042	19.699	-0.047
12.719	-0.002	12.745	-0.016	12.783	-0.028	12.819	-0.037	19.729	-0.050	19.754	-0.050	19.794	-0.047	19.821	-0.033
12.841	-0.037	12.873	-0.014	12.895	-0.005	12.907	-0.005	19.849	-0.024	19.874	-0.018	19.899	-0.009	19.929	-0.003
12.935	-0.005	12.955	-0.014	12.981	-0.026	13.014	-0.017	19.960	0.002	19.980	0.005	20.013	0.017	20.051	0.017
13.038	-0.011	13.064	-0.009	13.088	-0.017	13.110	-0.024	20.073	0.011	20.113	0.009	20.147	0.003	20.181	0.003
13.136	-0.044	13.154	-0.055	13.182	-0.058	13.214	-0.050	20.208	0.003	20.246	0.0	20.268	-0.003	20.299	-0.003
13.242	-0.027	13.264	-0.015	13.294	0.002	13.320	0.016	20.325	0.009	20.361	0.018	20.388	0.020	20.416	0.018
13.344	-0.016	13.368	0.010	13.392	0.004	13.414	-0.002	20.448	0.017	20.479	0.023	20.511	0.038	20.535	0.043
13.442	-0.008	13.474	0.013	13.508	0.033	13.536	0.058	20.569	0.046	20.617	0.043	20.656	0.043	20.681	0.043
13.578	0.067	13.617	0.055	13.645	0.029	13.671	0.009	20.711	0.043	20.743	0.043	20.789	0.034	20.840	0.031
13.709	-0.003	13.737	-0.006	13.761	-0.012	13.789	-0.026	20.891	0.025	20.934	0.025	20.974	0.014	21.017	-0.001
13.814	-0.029	13.856	-0.006	13.890	0.008	13.926	0.031	21.051	-0.026	21.087	-0.038	21.135	-0.049	21.165	-0.058
13.958	0.054	14.029	0.068	14.029	0.074	14.053	0.074	21.214	-0.052	21.275	-0.048	21.309	-0.054	21.373	-0.068
14.092	0.063	14.124	0.077	14.159	0.077	14.193	0.071	21.426	-0.099	21.481	-0.110	21.538	-0.104	21.597	-0.098
14.227	0.063	14.250	0.057	14.284	0.051	14.311	0.037	21.646	-0.089	21.697	-0.060	21.747	-0.028	21.775	-0.007
14.345	-0.008	14.373	-0.013	14.394	-0.024	14.442	-0.015	21.802	0.016	21.843	0.039	21.885	0.060	21.938	0.074
14.465	-0.015	14.519	-0.010	14.558	-0.001	14.590	0.008	21.976	0.077	22.014	0.074	22.047	0.071	22.073	0.063
14.619	0.019	14.659	0.022	14.692	0.016	14.732	0.011	22.104	0.057	22.133	0.051	22.155	0.045	22.196	0.060
14.766	0.019	14.793	0.028	14.819	0.031	14.850	0.036	22.244	0.074	22.270	0.077	22.310	0.083	22.358	0.083
14.884	0.045	14.921	0.048	14.931	0.045	14.967	0.042	22.404	0.089	22.486	0.089	22.524	0.086	22.524	0.077
15.010	0.041	15.048	0.032	15.081	0.032	15.111	0.032	22.570	0.060	22.608	0.048	22.655	0.037	22.693	0.028
15.143	0.032	15.182	0.034	15.226	0.028	15.279	0.007	22.733	0.019	22.789	-0.001	22.826	-0.013	22.856	-0.018
15.303	-0.017	15.323	-0.034	15.342	-0.052	15.374	-0.063	22.901	-0.024	22.933	-0.021	22.983	-0.018	23.034	-0.021
15.414	-0.046	15.443	-0.035	15.473	-0.018	15.493	-0.003	23.057	-0.030	23.100	-0.044	23.143	-0.056	23.178	-0.062
15.530	0.008	15.571	0.002	15.619	0.011	15.644	0.022	23.215	-0.065	23.250	-0.065	23.287	-0.053	23.326	-0.042
15.680	0.031	15.709	0.010	15.733	-0.007	15.758	-0.027	23.372	-0.033	23.421	-0.015	23.464	-0.002	23.503	0.019
15.780	-0.039	15.800	-0.048	15.831	-0.045	15.861	-0.045	23.534	0.028	23.569	0.025	23.608	0.025	23.641	0.025
15.894	-0.042	15.932	-0.036	15.965	-0.033	15.998	-0.031	23.660	0.025	23.683	0.025	23.703	0.025	23.722	0.016

23.761	-0.001	23.792	-0.001	23.825	0.005	23.866	0.008	31.952	0.002	31.988	0.011	32.014	0.019	32.041	0.031
23.901	C.011	23.939	-0.004	23.980	-0.021	24.024	-0.047	32.070	0.042	32.105	0.048	32.139	0.057	32.169	0.065
24.051	-0.056	24.097	-0.053	24.139	-0.050	24.205	-0.039	32.193	0.074	32.215	0.077	32.240	0.080	32.271	0.086
24.270	-0.027	24.325	-0.018	24.368	-0.024	24.400	-0.036	32.306	0.086	32.339	0.086	32.362	0.086	32.401	0.083
24.440	-0.044	24.485	-0.036	24.532	-0.024	24.572	-0.024	32.438	0.083	32.473	0.077	32.513	0.068	32.566	0.065
24.616	-0.024	24.660	-0.018	24.706	-0.013	24.757	-0.013	32.620	0.042	32.656	0.037	32.711	0.022	32.761	0.019
24.820	-0.015	24.866	-0.024	24.919	-0.024	24.961	-0.024	32.809	0.019	32.842	0.019	32.912	0.013	32.960	0.008
25.018	-0.012	25.058	-0.004	25.111	0.011	25.134	0.017	33.002	-0.001	33.035	-0.015	33.089	-0.015	33.118	-0.015
25.165	C.029	25.208	-0.035	25.240	0.038	25.276	0.032	33.145	-0.021	33.166	-0.021	33.187	-0.027	33.212	-0.021
25.311	0.026	25.333	0.021	25.364	0.015	25.398	0.004	33.237	-0.021	33.258	-0.021	33.289	-0.013	33.314	-0.007
25.426	-C.013	25.476	-0.019	25.512	-0.013	25.561	-0.015	33.350	-0.004	33.389	0.002	33.406	0.002	33.432	-0.002
25.601	-0.026	25.626	-0.029	25.649	-0.029	25.697	-0.023	33.448	-0.004	33.479	-0.007	33.508	-0.013	33.535	-0.021
25.738	-C.014	25.778	-0.005	25.824	0.001	25.874	0.002	33.571	-0.018	33.597	-0.015	33.632	-0.015	33.681	-0.013
25.933	C.005	25.958	0.005	25.998	0.008	26.032	0.020	33.727	-0.010	33.786	-0.004	33.803	-0.004	33.835	-0.004
26.078	C.029	26.122	0.032	26.170	0.027	26.219	0.015	33.867	-0.004	33.890	-0.004	33.941	-0.007	33.981	-0.007
26.246	C.007	26.281	-0.005	26.302	-0.016	26.359	-0.025	34.006	-0.007	34.027	-0.010	34.078	-0.013	34.112	-0.013
26.399	-0.025	26.451	-0.022	26.493	-0.013	26.529	-0.004	34.141	-0.007	34.188	0.002	34.234	0.019	34.270	0.031
26.581	C.002	26.627	0.008	26.676	0.008	26.710	0.008	34.307	0.037	34.340	0.045	34.380	0.048	34.417	0.057
26.760	C.017	26.799	0.023	26.843	0.026	26.905	0.014	34.438	0.057	34.455	0.057	34.478	0.057	34.491	0.054
26.955	0.003	27.007	-0.009	27.045	-0.017	27.082	-0.020	34.512	0.054	34.542	0.051	34.580	0.048	34.603	0.045
27.129	-0.014	27.167	-0.002	27.214	0.009	27.266	0.018	34.631	0.037	34.674	0.031	34.708	0.025	34.740	0.013
27.312	C.018	27.363	0.024	27.409	0.033	27.456	0.048	34.784	0.002	34.822	0.005	34.854	0.002	34.890	0.002
27.500	C.053	27.538	0.045	27.569	0.031	27.610	0.013	34.923	0.005	34.959	0.005	34.991	0.005	35.018	0.005
27.654	-C.001	27.704	0.002	27.754	0.002	27.791	0.008	35.050	-0.005	35.080	0.005	35.110	0.002	35.135	-0.001
27.841	C.011	27.910	0.014	27.945	0.020	28.010	0.023	35.150	-0.004	35.176	-0.004	35.190	0.006	35.216	-0.006
28.054	C.020	28.118	0.018	28.151	0.024	28.170	0.026	35.254	-0.009	35.271	-0.021	35.278	-0.021	35.303	-0.024
28.193	C.027	28.205	0.027	28.232	0.030	28.265	0.035	35.327	-0.027	35.346	-0.029	35.367	-0.029	35.405	-0.032
28.288	C.038	28.317	0.038	28.342	0.041	28.373	0.042	35.435	-0.035	35.459	-0.041	35.495	-0.052	35.516	-0.055
28.402	C.039	28.429	0.039	28.458	0.039	28.481	0.039	35.543	-0.052	35.579	-0.049	35.617	-0.040	35.653	-0.029
28.512	0.039	28.537	0.039	28.556	0.039	28.585	0.036	35.684	-0.011	35.708	-0.002	35.725	0.006	35.746	0.015
28.620	C.019	28.641	0.004	28.674	-0.004	28.695	-0.016	35.775	0.009	35.807	0.021	35.843	0.018	35.868	0.007
28.720	-0.033	28.741	-0.033	28.766	-0.030	28.791	-0.030	35.895	0.001	35.918	-0.007	35.937	-0.019	35.958	-0.027
28.834	-0.027	28.855	-0.024	28.880	-0.027	28.911	-0.033	35.996	-0.033	36.020	-0.042	36.072	-0.041	36.100	-0.041
28.936	-0.039	28.980	-0.036	29.009	-0.033	29.040	-0.030	36.125	-0.041	36.157	-0.047	36.186	-0.047	36.197	-0.047
29.069	-C.030	29.098	-0.030	29.137	-0.036	29.166	-0.042	36.235	-0.053	36.273	-0.056	36.304	-0.056	36.338	-0.050
29.216	-0.042	29.251	-0.042	29.282	-0.044	29.323	-0.056	36.360	-0.047	36.437	-0.047	36.482	-0.033	36.515	-0.028
29.371	-C.059	29.402	-0.065	29.462	-0.065	29.491	-0.065	36.538	-0.020	36.564	-0.011	36.589	-0.006	36.644	-0.001
29.525	-0.065	29.578	-0.059	29.623	-0.053	29.668	-0.030	36.662	0.011	36.683	0.016	36.702	0.019	36.717	0.025
29.724	-0.004	29.761	0.019	29.810	0.034	29.860	0.028	36.727	0.027	36.736	0.030	36.765	0.030	36.791	0.030
29.899	0.022	29.929	0.022	29.978	0.022	30.005	0.022	36.816	0.030	36.837	0.030	36.860	0.027	36.900	0.026
30.043	C.028	30.059	0.028	30.085	0.028	30.116	0.028	36.917	0.026	36.952	0.026	36.967	0.026	36.978	0.023
30.134	0.028	30.186	0.028	30.210	0.025	30.245	0.028	37.009	0.025	37.037	0.025	37.070	0.025	37.094	0.022
30.275	C.028	30.313	0.034	30.376	0.043	30.420	0.049	37.123	0.022	37.168	0.022	37.202	0.022	37.216	0.025
30.455	0.050	30.487	0.063	30.526	0.061	30.558	0.055	37.237	0.022	37.263	0.019	37.305	0.019	37.320	0.019
30.583	C.052	30.625	0.044	30.656	0.032	30.695	0.018	37.347	0.019	37.366	0.019	37.394	0.019	37.419	0.016
30.725	C.010	30.746	-0.002	30.774	-0.016	30.803	-0.039	37.442	0.007	37.468	-0.007	37.493	-0.013	37.515	-0.022
30.833	-C.051	30.866	-0.074	30.893	-0.079	30.931	-0.085	37.540	-0.025	37.570	-0.022	37.583	-0.019	37.611	-0.019
30.962	-0.091	31.017	-0.090	31.048	-0.090	31.092	-0.090	37.632	-0.011	37.666	-0.008	37.673	-0.014	37.696	-0.019
31.139	-0.087	31.178	-0.084	31.209	-0.072	31.245	-0.061	37.734	-0.022	37.749	-0.022	37.769	-0.025	37.809	-0.028
31.276	-C.061	31.292	-0.058	31.325	-0.057	31.358	-0.057	37.837	-0.031	37.852	-0.028	37.877	-0.031	37.901	-0.029
31.365	-0.057	31.406	-0.057	31.439	-0.057	31.458	-0.057	37.922	-0.026	37.950	-0.020	37.978	-0.020	38.007	-0.017
31.482	-C.057	31.501	-0.057	31.524	-0.057	31.551	-0.062	38.035	-0.017	38.071	-0.015	38.088	-0.018	38.105	-0.020
31.582	-0.065	31.588	-0.065	31.611	-0.065	31.634	-0.065	38.127	-0.018	38.152	-0.012	38.180	-0.003	38.209	0.003
31.652	-0.065	31.675	-0.062	31.704	-0.062	31.719	-0.062	38.224	0.008	38.258	0.012	38.284	0.014	38.297	0.014
31.743	-0.053	31.758	-0.045	31.783	-0.042	31.820	-0.030	38.318	0.017	38.339	0.020	38.358	0.023	38.377	0.020
31.847	-0.024	31.878	-0.016	31.899	-0.010	31.928	-0.007	38.403	0.023	38.420	0.029	38.448	0.032	38.467	0.032

38.490	C.029	38.524	0.032	38.552	0.034	38.582	0.040	44.488	-0.009	44.503	-0.006	44.529	0.003	44.559	0.009
38.612	C.043	38.650	0.040	38.654	0.043	38.678	0.043	44.588	0.015	44.610	0.018	44.640	0.021	44.666	0.023
38.657	C.037	38.720	0.040	38.744	0.043	38.768	0.040	44.693	0.026	44.721	0.029	44.760	0.032	44.781	0.029
38.753	C.038	38.819	0.032	38.846	0.029	38.874	0.026	44.807	0.029	44.835	0.026	44.857	0.020	44.887	0.012
38.900	C.026	38.934	0.020	38.947	0.020	38.977	0.018	44.917	0.009	44.946	0.006	44.981	0.0	45.006	-0.003
38.954	C.018	39.015	0.020	39.047	0.023	39.073	0.026	45.026	-0.003	45.063	0.003	45.096	0.006	45.118	0.008
39.112	C.026	39.135	0.029	39.146	0.026	39.169	0.018	45.138	0.014	45.168	0.017	45.196	0.020	45.226	0.023
39.151	C.012	39.221	0.009	39.248	0.003	39.274	0.003	45.254	0.023	45.273	0.017	45.297	0.014	45.327	0.008
39.366	C.0	39.330	0.0	39.356	0.0	39.385	-0.003	45.364	0.003	45.390	0.0	45.416	-0.006	45.441	-0.015
39.413	-0.009	39.433	-0.012	39.460	-0.012	39.493	-0.009	45.470	-0.021	45.497	-0.026	45.523	-0.032	45.556	-0.038
39.521	-0.009	39.553	-0.006	39.590	-0.006	39.622	-0.006	45.575	-0.041	45.605	-0.041	45.627	-0.038	45.647	-0.038
39.640	-C.006	39.674	-0.003	39.720	-0.001	39.737	-0.006	45.685	-0.038	45.705	-0.040	45.731	-0.043	45.759	-0.046
39.772	-0.012	39.802	-0.018	39.832	-0.027	39.856	-0.033	45.782	-0.046	45.813	-0.046	45.828	-0.046	45.849	-0.046
39.884	-C.036	39.918	-0.042	39.938	-0.045	39.979	-0.050	45.877	-0.045	45.906	-0.042	45.936	-0.039	45.966	-0.039
40.001	-C.053	40.033	-0.056	40.057	-0.056	40.081	-0.057	45.998	-0.045	46.025	-0.045	46.055	-0.045	46.081	-0.042
40.050	-C.054	40.116	-0.051	40.142	-0.039	40.185	-0.034	46.109	-0.039	46.136	-0.038	46.161	-0.038	46.192	-0.041
40.202	-0.031	40.231	-0.028	40.276	-0.025	40.296	-0.022	46.214	-0.044	46.240	-0.041	46.262	-0.038	46.288	-0.032
40.328	-0.016	40.352	-0.014	40.380	-0.008	40.404	-0.002	46.309	-0.029	46.338	-0.023	46.366	-0.020	46.394	-0.017
40.432	C.001	40.460	0.006	40.484	0.003	40.515	0.009	46.418	-0.014	46.440	-0.011	46.470	-0.008	46.499	-0.002
40.553	C.012	40.581	0.015	40.601	0.015	40.627	0.012	46.526	0.001	46.552	0.004	46.583	0.010	46.615	0.013
40.648	C.009	40.682	0.006	40.710	0.009	40.717	0.009	46.661	0.016	46.671	0.022	46.693	0.028	46.721	0.031
40.745	C.012	40.766	0.015	40.790	0.018	40.820	0.021	46.748	0.034	46.772	0.034	46.807	0.035	46.837	0.032
40.856	C.024	40.887	0.024	40.910	0.027	40.938	0.027	46.861	0.032	46.897	0.035	46.925	0.032	46.957	0.030
40.558	C.030	40.583	0.033	40.599	0.039	41.020	0.036	46.985	0.030	47.022	0.024	47.050	0.027	47.067	0.027
41.051	C.036	41.066	0.036	41.091	0.030	41.117	0.024	47.093	0.033	47.119	0.033	47.151	0.036	47.175	0.033
41.152	C.012	41.185	C.010	41.211	0.005	41.237	0.005	47.201	0.033	47.235	0.033	47.261	0.039	47.287	0.042
41.271	0.003	41.299	-0.001	41.321	-0.004	41.354	-0.004	47.325	0.048	47.347	0.045	47.383	0.045	47.416	0.043
41.373	-C.006	41.395	-0.009	41.440	-0.012	41.466	-0.009	47.448	0.037	47.465	0.034	47.491	0.028	47.523	0.023
41.450	-0.009	41.507	-0.009	41.535	-0.017	41.563	-0.026	47.552	0.014	47.589	0.006	47.619	0.0	47.647	-0.009
41.585	-C.032	41.617	-0.037	41.633	-0.043	41.663	-0.049	47.678	-0.014	47.715	-0.017	47.749	-0.017	47.778	-0.017
41.691	-0.054	41.715	-0.060	41.739	-0.066	41.773	-0.072	47.799	-0.020	47.839	-0.020	47.867	-0.019	47.897	-0.019
41.788	-0.077	41.842	-0.077	41.842	-0.077	41.877	-0.071	47.937	-0.019	47.949	-0.019	47.980	-0.019	48.019	-0.019
41.858	-C.068	41.916	-0.060	41.946	-0.054	41.972	-0.051	48.056	-0.016	48.082	-0.016	48.103	-0.013	48.138	-0.013
42.004	-0.045	42.035	-0.039	42.062	-0.033	42.094	-0.030	48.158	-0.013	48.184	-0.024	48.223	-0.030	48.236	-0.035
42.124	-0.024	42.148	-0.019	42.174	-0.016	42.204	-0.013	48.277	-0.038	48.305	-0.041	48.333	-0.043	48.355	-0.046
42.238	-C.007	42.258	-0.004	42.254	-0.004	42.315	0.002	48.370	-0.046	48.406	-0.046	48.420	-0.046	48.448	-0.048
42.333	-0.001	42.373	-0.001	42.393	-0.004	42.429	-0.004	48.474	-0.048	48.495	-0.045	48.528	-0.042	48.551	-0.039
42.447	-C.007	42.466	-0.007	42.504	-0.004	42.540	-0.001	48.582	-0.036	48.606	-0.030	48.629	-0.027	48.660	-0.024
42.566	-0.001	42.608	0.002	42.627	0.002	42.665	0.005	48.685	-0.021	48.714	-0.021	48.742	-0.021	48.770	-0.018
42.655	0.002	42.718	0.002	42.758	-0.001	42.779	-0.001	48.789	-0.017	48.817	-0.014	48.845	-0.011	48.876	-0.005
42.801	C.005	42.837	0.007	42.864	0.007	42.892	0.010	48.889	-0.002	48.925	0.001	48.943	0.007	48.973	0.016
42.913	C.016	42.938	0.022	42.959	0.030	42.983	0.039	49.018	0.022	49.033	0.022	49.063	0.033	49.094	0.034
43.012	C.045	43.031	0.045	43.052	0.053	43.088	0.050	49.130	0.034	49.171	0.034	49.171	0.034	49.205	0.040
43.107	C.048	43.134	0.039	43.159	0.033	43.191	0.027	49.225	0.043	49.251	0.040	49.272	0.043	49.294	0.041
43.214	C.021	43.237	0.018	43.264	0.013	43.287	0.007	49.319	0.038	49.347	0.032	49.375	0.027	49.405	0.024
43.318	C.001	43.350	0.001	43.369	-0.002	43.388	0.001	49.436	0.018	49.463	0.012	49.491	0.007	49.526	0.004
43.415	C.004	43.440	0.009	43.459	0.015	43.486	0.021	49.564	0.004	49.586	0.004	49.626	0.001	49.646	0.001
43.514	C.027	43.533	0.029	43.556	0.032	43.576	0.038	49.691	-0.002	49.704	-0.002	49.736	-0.004	49.772	-0.004
43.614	C.035	43.646	0.032	43.669	0.029	43.691	0.027	49.798	-0.001	49.841	0.002	49.860	0.002	49.888	0.002
43.725	C.024	43.757	0.018	43.789	0.010	43.814	0.010	49.928	0.002	49.943	0.008	49.967	0.008	50.001	0.013
43.853	C.004	43.882	0.004	43.916	0.001	43.946	-0.004	50.038	0.013	50.064	0.013	50.088	0.011	50.112	0.011
43.976	-C.007	44.002	-0.010	44.030	-0.010	44.051	-0.016	50.134	0.011	50.160	0.011	50.184	0.008	50.215	0.008
44.070	-C.013	44.098	-0.013	44.132	-0.007	44.152	-0.004	50.249	0.008	50.273	0.005	50.308	0.005	50.339	0.002
44.167	0.002	44.197	0.002	44.231	-0.001	44.248	-0.001	50.375	-0.001	50.406	-0.004	50.445	-0.007	50.473	-0.010
44.271	-C.003	44.304	-0.006	44.317	-0.009	44.346	-0.012	50.506	-0.009	50.535	-0.018	50.568	-0.021	50.599	-0.021
44.383	-0.012	44.408	-0.012	44.430	-0.009	44.458	-0.009	50.621	-0.024	50.646	-0.024	50.685	-0.029	50.697	-0.029

50.719	-0.029	50.754	-0.026	50.770	-0.026	50.809	-0.020	56.875	-0.020	56.896	-0.020	56.925	-0.017
50.836	-0.023	50.862	-0.023	50.876	-0.023	50.911	-0.020	56.972	-0.020	56.990	-0.020	57.020	-0.017
50.936	-0.020	50.969	-0.020	50.989	-0.025	50.999	-0.028	57.069	-0.003	57.101	0.0	57.121	0.0
51.020	-0.034	51.049	-0.033	51.078	-0.036	51.115	-0.036	57.199	0.003	57.206	0.012	57.242	0.017
51.154	-0.036	51.174	-0.035	51.202	-0.035	51.229	-0.032	57.287	0.020	57.319	0.020	57.344	0.020
51.263	-0.035	51.281	-0.029	51.301	-0.029	51.334	-0.026	57.394	0.026	57.417	0.026	57.440	0.020
51.356	-0.025	51.380	-0.025	51.417	-0.022	51.441	-0.022	57.494	0.017	57.510	0.011	57.551	0.011
51.464	-0.019	51.512	-0.018	51.541	-0.015	51.572	-0.012	57.585	0.011	57.608	0.005	57.622	0.005
51.603	-0.009	51.629	-0.006	51.665	-0.002	51.682	0.004	57.681	0.003	57.701	0.003	57.717	0.0
51.709	0.010	51.735	0.016	51.770	0.016	51.801	0.019	57.770	-0.009	57.802	-0.009	57.815	-0.015
51.812	0.022	51.836	0.025	51.878	0.029	51.914	0.032	57.877	-0.018	57.897	-0.015	57.925	-0.015
51.929	0.023	51.953	0.027	51.978	0.027	52.000	0.024	57.996	-0.009	58.039	-0.009	58.062	-0.006
52.024	0.024	52.046	0.025	52.064	0.016	52.092	0.014	58.152	-0.003	58.193	-0.009	58.230	-0.006
52.112	0.014	52.138	0.008	52.171	0.008	52.192	-0.006	58.305	-0.002	58.333	0.003	58.367	0.003
52.224	0.003	52.244	0.0	52.262	-0.002	52.288	-0.002	58.417	0.001	58.449	0.004	58.476	0.004
52.317	-0.002	52.344	-0.007	52.370	-0.004	52.392	-0.004	58.526	0.004	58.560	0.004	58.578	0.004
52.427	-0.007	52.463	-0.007	52.487	-0.006	52.514	-0.001	58.629	-0.002	58.663	0.001	58.695	-0.002
52.547	0.002	52.580	0.006	52.612	0.011	52.643	0.014	58.751	-0.007	58.778	-0.013	58.810	-0.019
52.663	0.023	52.698	0.021	52.721	0.018	52.748	0.018	58.869	-0.024	58.912	-0.024	58.920	-0.024
52.783	0.024	52.806	0.030	52.837	0.027	52.866	0.027	59.024	-0.024	59.016	-0.024	59.027	-0.030
52.901	0.024	52.926	0.022	52.962	0.019	52.988	0.022	59.072	-0.033	59.107	-0.030	59.139	-0.030
53.017	0.028	53.050	0.028	53.070	0.028	53.093	0.028	59.205	-0.021	59.238	-0.018	59.271	-0.015
53.117	0.029	53.149	0.029	53.171	0.026	53.189	0.023	59.329	-0.007	59.357	-0.004	59.382	0.002
53.216	0.020	53.242	0.015	53.268	0.018	53.295	0.015	59.470	0.011	59.502	0.016	59.534	0.022
53.324	0.009	53.355	0.010	53.381	0.007	53.407	0.001	59.601	0.025	59.630	0.022	59.649	0.025
53.434	-0.007	53.463	-0.010	53.491	-0.016	53.516	-0.021	59.704	0.019	59.740	0.016	59.758	0.019
53.544	-0.027	53.568	-0.032	53.594	-0.035	53.627	-0.041	59.815	0.008	59.833	0.011	59.874	0.011
53.654	-0.046	53.678	-0.049	53.711	-0.052	53.735	-0.052	59.932	0.013	59.961	0.019	59.996	0.022
53.759	-0.054	53.785	-0.054	53.807	-0.057	53.834	-0.057	60.034	0.022	60.098	0.025	60.127	0.028
53.855	-0.054	53.884	-0.054	53.913	-0.051	53.943	-0.045	60.190	0.028	60.220	0.028	60.249	0.025
53.976	-0.042	54.004	-0.045	54.033	-0.045	54.064	-0.039	60.328	0.025	60.351	0.019	60.394	0.016
54.086	-0.041	54.106	-0.036	54.134	-0.036	54.167	-0.033	60.469	0.008	60.498	0.002	60.516	-0.001
54.198	0.028	54.228	0.032	54.253	0.032	54.281	-0.032	60.582	-0.004	60.622	-0.010	60.655	-0.010
54.308	-0.029	54.343	-0.032	54.380	-0.032	54.402	-0.032	60.724	-0.007	60.762	-0.013	60.773	-0.016
54.433	-0.026	54.468	-0.017	54.507	-0.017	54.540	-0.014	60.864	-0.016	60.891	-0.013	60.935	-0.013
54.566	-0.008	54.593	-0.002	54.619	0.004	54.645	0.013	61.004	-0.010	61.021	-0.007	61.060	-0.010
54.667	0.025	54.696	0.028	54.726	0.034	54.757	0.040	61.154	-0.010	61.185	-0.005	61.241	-0.008
54.786	0.046	54.818	0.046	54.853	0.046	54.873	0.046	61.324	-0.008	61.365	-0.013	61.420	-0.010
54.904	0.043	54.932	0.049	54.972	0.046	55.000	0.041	61.470	-0.010	61.536	-0.016	61.603	-0.010
55.024	0.044	55.053	0.044	55.075	0.044	55.100	0.044	61.648	-0.005	61.745	-0.007	61.781	-0.007
55.139	0.044	55.157	0.042	55.183	0.039	55.190	0.036	61.865	-0.001	61.895	0.002	61.935	0.005
55.221	0.036	55.250	0.033	55.276	0.030	55.310	0.033	62.008	0.005	62.064	0.011		
55.338	0.030	55.352	0.025	55.385	0.027	55.409	0.028						
55.438	0.028	55.473	0.028	55.489	0.025	55.511	0.019						
55.540	0.016	55.570	0.013	55.608	0.008	55.643	0.005						
55.664	0.002	55.701	0.002	55.721	0.002	55.757	-0.004						
55.774	-0.010	55.801	-0.010	55.816	-0.010	55.847	-0.010						
55.854	-0.015	55.876	-0.013	55.909	-0.013	55.925	-0.010						
55.962	-0.010	55.983	-0.010	56.014	-0.007	56.047	-0.004						
56.087	-0.004	56.100	-0.004	56.124	0.002	56.160	0.002						
56.175	0.002	56.204	0.002	56.231	0.002	56.271	-0.001						
56.291	-0.001	56.315	-0.001	56.342	-0.001	56.364	-0.001						
56.395	-0.004	56.421	-0.006	56.453	-0.009	56.479	-0.009						
56.455	-0.009	56.456	-0.015	56.566	-0.015	56.589	-0.018						
56.610	-0.021	56.652	-0.018	56.666	-0.018	56.717	-0.015						
56.731	-0.015	56.771	-0.017	56.789	-0.017	56.825	-0.020						

IY379

68-026. 4/8/68 1830PST CMD BLDG., VERNLN, CAL. S07W

2090 POINTS 61.956 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED. THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADIRECTION, IS 0.0371 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.007	0.030	-0.004	0.067	0.002	0.099	0.002	0.279	0.031	4.307	-0.002	4.325	-0.035	4.362	-0.059	4.491	-0.038
0.130	0.014	0.170	0.023	0.200	0.029	0.227	0.023	4.402	-0.056	4.427	-0.053	4.455	-0.047	4.491	-0.038	4.621	0.025
0.249	0.020	0.282	0.017	0.312	0.020	0.349	0.026	4.528	-0.029	4.556	-0.017	4.583	-0.005	4.621	0.025	4.733	0.135
0.358	0.029	0.383	0.035	0.432	0.041	0.430	0.041	4.648	0.048	4.678	0.081	4.703	0.108	4.733	0.135	4.843	0.090
0.455	0.044	0.476	0.047	0.502	0.050	0.526	0.050	4.760	0.141	4.788	0.135	4.816	0.114	4.843	0.090	4.945	0.096
0.550	0.045	0.574	0.039	0.599	0.030	0.625	0.018	4.859	0.075	4.894	0.066	4.918	0.078	4.945	0.096	5.044	0.099
0.641	0.0	0.661	-0.009	0.681	-0.024	0.713	-0.012	4.973	0.123	5.001	0.141	5.026	0.123	5.044	0.099	5.158	0.072
0.735	-0.006	0.761	-0.009	0.781	0.027	0.805	0.042	5.060	0.063	5.103	0.031	5.136	0.051	5.158	0.072	5.258	0.057
0.825	0.051	0.849	0.063	0.879	0.072	0.907	0.078	5.181	0.081	5.213	0.096	5.237	0.087	5.258	0.057	5.339	0.076
0.921	0.087	0.948	0.096	0.982	0.108	1.004	0.105	5.278	0.025	5.294	-0.008	5.321	-0.050	5.339	0.076	5.427	-0.106
1.022	0.087	1.043	0.069	1.069	0.054	1.087	0.031	5.358	-0.100	5.386	-0.100	5.404	-0.100	5.427	-0.106	5.535	-0.118
1.109	0.013	1.114	0.004	1.140	0.001	1.164	-0.005	5.443	-0.118	5.469	-0.133	5.504	-0.145	5.535	-0.118	5.654	-0.062
1.187	-0.005	1.211	0.001	1.241	-0.005	1.256	-0.020	5.567	-0.079	5.593	-0.079	5.614	-0.067	5.654	-0.062	5.766	-0.091
1.274	-0.041	1.292	-0.059	1.312	-0.065	1.335	-0.062	5.679	-0.067	5.711	-0.073	5.740	-0.085	5.766	-0.091	5.868	0.034
1.363	-0.059	1.385	-0.056	1.406	-0.065	1.418	-0.085	5.795	-0.070	5.819	-0.035	5.847	-0.002	5.868	0.034	5.961	-0.017
1.434	-0.103	1.452	-0.130	1.466	-0.148	1.479	-0.163	5.892	0.045	5.917	0.031	5.945	-0.002	5.961	-0.017	6.055	-0.017
1.455	-0.174	1.511	-0.180	1.533	-0.157	1.565	-0.109	5.976	-0.035	5.992	-0.041	6.031	-0.023	6.055	-0.017	6.145	-0.082
1.585	-0.076	1.609	-0.056	1.632	-0.044	1.654	-0.050	6.080	-0.017	6.106	-0.044	6.125	-0.065	6.145	-0.082	6.247	-0.032
1.684	-0.056	1.720	-0.056	1.756	-0.035	1.789	-0.014	6.168	-0.100	6.198	-0.076	6.227	-0.053	6.247	-0.032	6.360	-0.023
1.821	-0.005	1.851	-0.005	1.879	-0.005	1.901	-0.005	6.266	-0.029	6.292	-0.041	6.329	-0.053	6.360	-0.023	6.474	0.069
1.927	0.004	1.951	0.031	1.976	0.042	2.002	0.051	6.391	0.016	6.415	0.034	6.442	0.069	6.474	0.069	6.566	-0.002
2.027	0.051	2.051	0.019	2.075	-0.020	2.097	-0.053	6.497	0.057								

8.622	0.072	8.648	0.057	8.671	0.040	8.702	0.031	16.148	-0.013	16.198	-0.010	16.231	-0.013	16.277	-0.022
8.741	0.037	8.773	0.066	8.806	0.087	8.835	0.090	16.317	-0.028	16.327	-0.037	16.360	-0.037	16.396	-0.040
8.853	C.081	8.882	0.066	8.908	0.037	8.935	0.004	16.422	-0.028	16.456	0.007	16.471	0.011	16.496	0.026
8.958	-C.008	8.978	-0.023	9.024	0.007	9.054	0.025	16.519	0.031	16.547	0.037	16.576	0.040	16.601	0.040
9.078	C.034	9.106	0.045	9.132	0.040	9.161	0.034	16.647	0.049	16.665	0.055	16.686	0.064	16.713	0.073
9.193	C.025	9.243	0.019	9.251	0.016	9.291	0.019	16.733	0.088	16.773	0.106	16.797	0.103	16.824	0.094
9.331	0.037	9.363	0.057	9.395	0.063	9.434	0.051	16.859	0.074	16.884	0.059	16.907	0.043	16.923	0.032
9.466	C.031	9.500	-0.008	9.520	-0.023	9.554	-0.032	16.946	0.006	16.971	0.003	17.015	0.003	17.043	0.006
9.587	-C.023	9.629	-0.020	9.667	-0.011	9.706	-0.008	17.070	0.006	17.102	-0.006	17.129	0.0	17.159	-0.012
9.740	-C.008	9.772	-0.011	9.794	-0.014	9.835	-0.020	17.190	-0.024	17.218	-0.029	17.241	-0.041	17.266	-0.053
9.863	-C.011	9.897	0.024	9.917	0.051	9.960	0.078	17.300	-0.068	17.336	-0.071	17.355	-0.080	17.389	-0.074
10.000	0.072	10.020	0.072	10.062	0.072	10.088	0.072	17.421	-0.068	17.452	-0.059	17.482	-0.053	17.524	-0.047
10.126	0.051	10.164	0.024	10.192	-0.012	10.220	-0.030	17.551	-0.047	17.573	-0.047	17.631	-0.047	17.684	-0.038
10.264	-C.015	10.312	-0.006	10.347	-0.012	10.373	-0.021	17.708	-0.032	17.744	-0.008	17.782	-0.013	17.821	-0.022
10.395	-0.051	10.413	-0.078	10.431	-0.108	10.463	-0.131	17.853	0.001	17.885	-0.014	17.909	-0.026	17.951	-0.032
10.509	-0.126	10.537	-0.129	10.579	-0.138	10.628	-0.117	17.988	-0.032	18.022	-0.029	18.049	-0.023	18.072	-0.023
10.666	-C.096	10.708	-0.097	10.738	-0.094	10.762	-0.088	18.099	-0.023	18.135	-0.032	18.169	-0.035	18.188	-0.032
10.767	-C.055	10.835	-0.011	10.869	0.022	10.899	0.043	18.219	-0.023	18.242	-0.029	18.261	-0.023	18.293	-0.014
10.933	0.048	10.978	0.045	11.006	0.042	11.034	0.039	18.318	-0.008	18.349	-0.002	18.379	0.004	18.402	0.004
11.074	C.030	11.098	0.030	11.134	0.066	11.166	0.092	18.433	0.013	18.452	0.016	18.479	0.022	18.499	0.031
11.201	0.092	11.225	0.077	11.245	0.053	11.275	0.021	18.522	0.034	18.549	0.040	18.576	0.037	18.602	0.034
11.289	-C.009	11.315	-0.042	11.349	-0.042	11.367	-0.045	18.627	-0.028	18.665	0.019	18.690	0.013	18.718	0.010
11.405	-0.060	11.458	-0.069	11.498	-0.051	11.546	-0.034	18.743	0.010	18.783	0.007	18.806	0.010	18.832	0.012
11.572	-C.022	11.612	-0.013	11.655	0.007	11.689	0.034	18.865	0.012	18.893	0.009	18.916	0.009	18.952	0.006
11.715	0.052	11.759	0.064	11.808	0.052	11.838	0.048	18.962	-0.003	18.985	0.0	19.013	-0.006	19.040	-0.006
11.878	C.066	11.928	0.081	11.975	0.054	11.995	0.051	19.076	-0.006	19.106	0.0	19.136	0.006	19.163	0.009
12.031	0.033	12.074	0.021	12.108	0.042	12.134	0.065	19.198	0.012	19.229	0.015	19.259	0.017	19.287	0.023
12.169	C.080	12.197	0.068	12.225	0.050	12.263	0.032	19.316	0.029	19.340	0.047	19.371	0.062	19.393	0.074
12.288	0.020	12.324	0.008	12.369	0.025	12.407	0.031	19.418	0.085	19.437	0.085	19.458	0.070	19.494	0.055
12.427	C.025	12.449	0.010	12.480	-0.002	12.512	-0.029	19.522	-0.013	19.571	-0.019	19.587	0.005	19.615	-0.004
12.530	-0.053	12.574	-0.074	12.616	-0.060	12.650	-0.042	19.642	-0.034	19.671	-0.040	19.693	-0.025	19.722	-0.031
12.658	-0.022	12.744	-0.013	12.808	-0.022	12.856	-0.026	19.750	-0.034	19.783	-0.040	19.819	-0.046	19.844	-0.055
12.905	-0.029	12.953	-0.035	12.981	-0.041	13.019	-0.045	19.868	-0.052	19.891	-0.052	19.914	-0.052	19.927	-0.052
13.047	-C.060	13.081	-0.081	13.113	0.005	13.145	0.017	19.942	-0.055	19.961	-0.055	19.980	-0.055	20.013	-0.061
13.169	-C.046	13.199	-0.022	13.223	0.005	13.253	0.017	20.039	-0.070	20.054	-0.070	20.073	-0.073	20.094	-0.073
13.285	C.016	13.307	0.016	13.329	0.016	13.353	0.019	20.119	-0.067	20.149	-0.058	20.168	-0.049	20.196	-0.043
13.397	C.037	13.423	0.043	13.469	0.051	13.505	0.024	20.221	-0.040	20.246	-0.040	20.270	-0.043	20.302	-0.048
13.527	C.003	13.558	-0.012	13.590	-0.015	13.606	-0.015	20.338	-0.051	20.363	-0.057	20.405	-0.063	20.427	-0.072
13.638	-C.021	13.678	-0.021	13.700	-0.024	13.710	-0.030	20.465	-0.092	20.482	-0.084	20.533	-0.066	20.554	-0.054
13.740	C.030	13.773	-0.009	13.757	-0.001	13.835	0.014	20.607	-0.039	20.635	-0.024	20.669	-0.012	20.709	0.0
13.879	C.002	13.917	-0.001	13.964	0.013	14.004	0.022	20.745	0.009	20.779	0.012	20.806	0.015	20.834	0.015
14.046	0.025	14.083	0.013	14.124	-0.005	14.160	-0.014	20.857	0.009	20.874	0.012	20.911	0.018	20.944	0.027
14.186	-0.020	14.198	-0.017	14.235	0.006	14.277	0.027	20.981	0.033	21.004	0.033	21.032	0.030	21.084	0.024
14.314	0.036	14.346	0.027	14.377	0.006	14.409	-0.012	21.106	0.025	21.137	0.031	21.176	0.034	21.207	0.040
14.442	-0.015	14.508	0.003	14.565	0.038	14.628	0.077	21.242	0.048	21.261	0.048	21.288	0.042	21.312	0.037
14.677	C.086	14.731	0.062	14.762	0.059	14.853	0.062	21.360	0.025	21.382	0.019	21.420	0.031	21.456	0.040
14.896	C.053	14.944	0.038	14.968	0.036	15.015	0.048	21.500	0.037	21.532	0.025	21.580	0.004	21.608	0.013
15.060	C.056	15.090	0.045	15.139	0.036	15.175	0.042	21.638	0.013	21.674	0.025	21.707	0.019	21.747	0.010
15.226	C.047	15.252	0.030	15.276	0.015	15.309	0.012	21.763	-0.002	21.824	-0.005	21.864	-0.005	21.904	-0.008
15.357	C.035	15.385	0.041	15.408	0.029	15.444	0.009	21.951	-0.002	21.988	0.007	22.018	-0.008	22.047	-0.014
15.457	-C.015	15.529	-0.015	15.560	-0.015	15.574	-0.015	22.079	-0.023	22.106	-0.032	22.150	-0.017	22.188	-0.011
15.601	-0.015	15.633	-0.016	15.662	-0.016	15.692	-0.016	22.226	-0.008	22.268	-0.005	22.301	-0.004	22.329	-0.010
15.710	-0.016	15.733	-0.004	15.765	-0.002	15.788	-0.008	22.360	-0.016	22.385	-0.028	22.430	-0.016	22.478	-0.007
15.814	-C.011	15.842	-0.014	15.857	-0.008	15.875	-0.001	22.526	0.003	22.576	0.012	22.603	0.012	22.620	0.018
15.914	0.012	15.946	0.018	15.972	0.003	15.995	0.006	22.660	0.027	22.699	0.033	22.747	0.040	22.785	0.052
16.023	-C.024	16.055	-0.036	16.088	-0.027	16.110	-0.018	22.814	0.067	22.847	0.076	22.885	0.071	22.914	0.071

22.943	C.065	22.966	0.063	22.991	0.063	23.018	0.065	30.535	0.016	30.558	0.013	30.584	0.011	30.619	0.011
23.051	C.063	23.090	0.064	23.133	0.055	23.170	0.037	30.653	0.005	30.676	0.005	30.706	0.005	30.725	0.005
23.199	C.020	23.231	0.001	23.272	0.013	23.310	0.027	30.772	-0.004	30.784	0.007	30.814	-0.010	30.857	-0.015
23.347	-C.033	23.375	-0.033	23.418	-0.024	23.457	-0.024	30.894	-0.024	30.929	-0.024	30.967	-0.027	31.023	-0.021
23.486	-C.024	23.528	-0.029	23.579	-0.032	23.622	-0.038	31.064	-0.015	31.124	-0.003	31.189	0.0	31.232	0.0
23.660	-C.038	23.709	-0.041	23.779	-0.038	23.829	-0.037	31.267	0.003	31.321	0.006	31.344	0.006	31.383	0.007
23.845	-C.049	23.899	-0.070	23.947	-0.079	24.001	-0.067	31.422	0.001	31.449	-0.008	31.480	-0.023	31.526	-0.029
24.042	-C.061	24.076	-0.067	24.122	-0.076	24.147	-0.075	31.571	-0.029	31.604	-0.029	31.631	-0.026	31.662	-0.020
24.267	-C.055	24.258	-0.040	24.301	-0.016	24.347	0.005	31.665	-0.011	31.735	0.001	31.768	0.001	31.824	0.004
24.385	C.017	24.423	0.009	24.441	0.003	24.469	-0.012	31.865	-0.010	31.909	0.019	31.948	0.025	31.989	0.013
24.517	-C.018	24.540	-0.021	24.563	-0.021	24.593	-0.021	32.031	0.004	32.082	0.004	32.128	0.001	32.182	-0.011
24.628	-0.018	24.658	-0.012	24.691	-0.009	24.729	-0.003	32.219	-0.020	32.245	-0.026	32.275	-0.032	32.312	-0.035
24.763	C.006	24.795	0.018	24.820	0.030	24.853	0.039	32.345	-0.035	32.405	-0.026	32.436	-0.026	32.485	-0.026
24.883	C.054	24.912	0.054	24.942	0.054	24.979	0.057	32.510	-0.026	32.537	-0.026	32.574	-0.038	32.612	-0.047
25.003	C.057	25.034	0.057	25.066	0.048	25.104	0.034	32.659	-0.041	32.711	-0.035	32.759	-0.029	32.804	-0.026
25.132	C.025	25.182	0.019	25.221	0.019	25.261	0.019	32.848	-0.026	32.908	-0.026	32.923	-0.026	32.941	-0.020
25.278	-0.019	25.311	0.013	25.345	0.007	25.373	0.001	32.985	-0.011	33.047	-0.011	33.077	-0.001	33.093	0.013
25.465	-0.011	25.438	-0.023	25.466	-0.029	25.497	-0.038	33.133	0.016	33.178	0.022	33.218	0.031	33.266	0.040
25.521	-C.038	25.544	-0.038	25.571	-0.035	25.603	-0.029	33.310	0.040	33.372	0.034	33.420	0.037	33.458	0.025
25.636	-C.017	25.657	-0.014	25.689	-0.005	25.723	0.001	33.498	0.022	33.533	0.022	33.594	0.019	33.616	0.019
25.748	C.007	25.781	0.007	25.773	0.007	25.792	0.007	33.662	0.010	33.690	0.004	33.744	0.001	33.774	0.001
25.811	C.007	25.834	0.007	25.849	0.007	25.862	0.007	33.805	0.004	33.824	0.007	33.858	0.006	33.884	0.012
25.887	C.007	25.918	-0.002	25.939	-0.008	25.963	-0.011	34.041	0.009	34.057	0.009	34.099	0.003	34.127	-0.003
26.007	-0.014	26.030	-0.011	26.072	-0.008	26.105	-0.008	34.171	-0.012	34.224	-0.015	34.275	-0.018	34.328	-0.012
26.128	-C.004	26.152	-0.008	26.181	-0.011	26.206	-0.014	34.355	-0.012	34.389	0.0	34.419	0.003	34.465	0.009
26.242	-C.014	26.267	-0.014	26.298	-0.014	26.330	-0.011	34.510	0.005	34.555	0.011	34.604	0.008	34.650	0.005
26.353	-C.005	26.391	0.001	26.430	0.010	26.464	0.022	34.693	-0.003	34.733	-0.009	34.776	-0.021	34.804	-0.027
26.489	C.031	26.520	0.043	26.543	0.055	26.574	0.057	34.835	-0.036	34.867	-0.045	34.910	-0.051	34.974	-0.036
26.555	C.061	26.628	0.055	26.649	0.046	26.683	0.037	35.021	-0.021	35.057	-0.009	35.087	0.006	35.131	0.012
26.714	0.026	26.762	0.026	26.803	0.023	26.832	0.023	35.161	0.015	35.191	0.018	35.221	0.018	35.252	0.018
26.851	C.020	26.891	0.011	26.920	0.011	26.957	0.012	35.295	0.019	35.320	0.019	35.342	0.019	35.365	0.019
27.009	C.012	27.034	0.012	27.080	0.009	27.119	0.003	35.395	0.016	35.440	0.010	35.484	0.001	35.531	-0.010
27.142	-0.012	27.181	-0.032	27.222	-0.056	27.262	-0.062	35.569	-0.010	35.617	0.002	35.653	0.011	35.682	0.020
27.293	-C.071	27.338	-0.080	27.380	-0.071	27.415	-0.068	35.725	0.023	35.783	0.023	35.822	0.023	35.874	0.023
27.467	-C.065	27.510	-0.065	27.546	-0.047	27.594	-0.038	36.123	0.003	36.163	-0.006	36.216	-0.009	36.267	-0.015
27.637	-C.026	27.664	-0.011	27.706	-0.005	27.745	0.013	36.315	-0.006	36.359	0.003	36.397	0.012	36.429	0.012
27.775	0.016	27.822	0.024	27.870	0.022	27.916	0.025	36.461	0.018	36.503	0.024	36.557	0.030	36.587	0.031
27.949	C.031	27.983	0.025	28.033	0.013	28.080	0.001	36.637	0.031	36.687	0.018	36.723	0.016	36.761	0.008
28.101	-C.005	28.143	-0.005	28.170	-0.002	28.201	0.004	36.784	0.004	36.814	0.0	36.839	-0.004	36.858	-0.005
28.234	C.013	28.269	0.013	28.311	0.013	28.338	0.013	36.984	0.0	37.011	0.006	37.035	0.008	37.068	0.011
28.363	C.013	28.394	0.019	28.417	-0.004	28.446	0.026	37.081	0.011	37.104	0.008	37.125	0.005	37.142	0.005
28.465	C.017	28.494	0.008	28.516	-0.004	28.543	-0.001	37.161	-0.001	37.185	-0.001	37.204	0.0	37.223	-0.003
28.572	C.012	28.604	0.008	28.627	0.011	28.647	0.011	37.292	-0.021	37.311	-0.024	37.330	-0.030	37.330	-0.030
28.670	C.012	28.697	0.012	28.724	0.006	28.778	-0.012	37.445	-0.039	37.470	-0.036	37.497	-0.042	37.523	-0.042
28.805	-C.032	28.847	-0.032	28.878	-0.035	28.917	-0.035	37.542	-0.027	37.572	-0.021	37.590	-0.018	37.621	-0.015
28.948	-C.034	28.977	-0.028	29.009	-0.022	29.037	-0.016	37.656	-0.013	37.677	-0.013	37.694	-0.013	37.720	-0.010
29.066	-C.019	29.091	-0.019	29.133	-0.024	29.176	-0.027	37.756	-0.008	37.777	-0.002	37.799	0.004	37.831	0.009
29.228	-C.015	29.271	-0.006	29.310	-0.006	29.342	-0.004	37.863	0.015	37.890	0.015	37.920	0.015	37.948	0.015
29.406	-C.020	29.435	-0.026	29.476	-0.029	29.498	-0.041	37.972	0.020	38.001	0.014	38.031	0.023	38.057	0.026
29.539	-C.044	29.576	-0.044	29.620	-0.044	29.697	-0.026	38.072	0.026	38.105	0.021	38.131	0.021	38.159	0.018
29.754	C.001	29.783	0.007	29.817	0.022	29.846	0.025	38.182	0.009	38.208	0.0	38.235	-0.012	38.265	-0.018
29.888	C.028	29.925	0.031	29.963	0.034	30.020	0.040	38.297	-0.021	38.318	-0.024	38.329	-0.024	38.360	-0.027
30.028	C.040	30.048	0.037	30.070	0.037	30.089	0.037	38.429	-0.021	38.450	-0.021	38.470	-0.021	38.490	-0.021
30.123	C.043	30.141	0.040	30.165	0.037	30.210	0.037	38.597	-0.021	38.618	-0.021	38.639	-0.021	38.660	-0.021
30.234	C.040	30.266	0.043	30.309	0.046	30.361	0.037	38.754	-0.021	38.775	-0.021	38.796	-0.021	38.817	-0.021
30.379	C.034	30.422	0.028	30.470	0.022	30.503	0.019	38.858	-0.021	38.879	-0.021	38.900	-0.021	38.921	-0.021

38.382	-C.024	38.403	-0.024	38.429	-0.024	38.450	-0.024	44.516	0.018	44.546	0.021	44.563	0.030	44.585	0.036
38.473	-C.021	38.514	-0.016	38.531	-0.016	38.554	-0.013	44.615	0.036	44.642	0.045	44.666	0.051	44.694	0.054
38.582	-C.010	38.606	-0.004	38.627	-0.002	38.640	-0.005	44.717	0.054	44.743	0.057	44.760	0.054	44.778	0.051
38.659	-C.002	38.682	-0.005	38.714	-0.011	38.727	-0.017	44.810	0.042	44.839	0.036	44.868	0.036	44.898	0.031
38.749	-C.023	38.778	-0.029	38.812	-0.032	38.825	-0.035	44.923	0.025	44.949	0.025	44.979	0.025	44.998	0.019
38.842	-C.035	38.876	-0.034	38.894	-0.034	38.915	-0.037	45.024	0.013	45.046	0.007	45.078	0.001	45.100	-0.004
38.943	-C.034	38.958	-0.037	38.992	-0.034	39.009	-0.034	45.128	-0.007	45.145	-0.010	45.170	-0.010	45.211	-0.003
39.020	-C.034	39.047	-0.028	39.075	-0.028	39.093	-0.022	45.235	-0.016	45.257	-0.013	45.274	-0.013	45.302	-0.019
39.120	-C.016	39.148	-0.016	39.176	-0.022	39.199	-0.022	45.319	-0.019	45.338	-0.025	45.364	-0.028	45.394	-0.031
39.210	-C.027	39.232	-0.030	39.257	-0.027	39.281	-0.025	45.412	-0.034	45.438	-0.037	45.472	-0.037	45.494	-0.040
39.311	-C.022	39.351	-0.016	39.367	-0.013	39.401	-0.013	45.519	-0.037	45.541	-0.034	45.571	-0.034	45.593	-0.028
39.429	-C.010	39.454	-0.007	39.469	-0.010	39.500	-0.010	45.615	-0.028	45.638	-0.028	45.666	-0.028	45.699	-0.025
39.521	-C.010	39.536	-0.010	39.562	-0.011	39.590	-0.005	45.748	-0.026	45.766	-0.026	45.796	-0.026	45.822	-0.029
39.640	C.004	39.664	0.010	39.701	0.019	39.716	0.025	45.841	-0.029	45.876	-0.032	45.887	-0.032	45.913	-0.029
39.746	C.028	39.774	0.028	39.815	0.027	39.835	0.027	45.949	-0.027	45.982	-0.024	46.001	-0.024	46.025	-0.021
39.858	C.027	39.893	0.027	39.921	0.024	39.956	0.018	46.056	-0.018	46.086	-0.012	46.112	-0.006	46.136	-0.001
39.990	C.015	40.015	0.012	40.042	0.006	40.066	0.006	46.160	-0.001	46.190	-0.007	46.193	-0.007	46.219	-0.001
40.123	C.006	40.125	0.009	40.153	0.009	40.177	0.009	46.260	-0.005	46.280	0.011	46.316	0.014	46.351	0.017
40.212	C.011	40.244	0.002	40.274	-0.004	40.309	-0.007	46.377	0.020	46.405	0.020	46.432	0.017	46.460	0.017
40.344	-C.013	40.377	-0.019	40.415	-0.022	40.450	-0.028	46.484	0.014	46.514	0.014	46.557	0.011	46.581	0.011
40.453	-C.034	40.521	-0.040	40.551	-0.043	40.588	-0.046	46.613	0.014	46.646	0.014	46.673	0.017	46.699	0.014
40.633	-C.049	40.666	-0.052	40.706	-0.055	40.724	-0.056	46.738	0.008	46.762	0.005	46.803	0.003	46.814	0.0
40.760	-C.061	40.797	-0.063	40.825	-0.066	40.848	-0.060	46.852	-0.003	46.878	-0.006	46.908	-0.009	46.938	-0.014
40.878	-C.054	40.913	-0.051	40.949	-0.045	40.965	-0.039	46.956	-0.011	46.984	-0.014	47.005	-0.014	47.020	-0.020
40.992	-C.030	41.025	-0.021	41.055	-0.015	41.086	-0.006	47.044	-0.020	47.066	-0.020	47.094	-0.016	47.113	-0.013
41.116	0.003	41.140	0.015	41.170	0.024	41.200	0.033	47.128	-0.013	47.152	-0.016	47.177	-0.013	47.203	-0.019
41.233	0.039	41.261	0.042	41.298	0.042	41.321	0.042	47.223	-0.021	47.255	-0.027	47.278	-0.033	47.308	-0.039
41.361	C.042	41.389	0.042	41.412	0.042	41.441	0.039	47.332	-0.044	47.371	-0.044	47.403	-0.044	47.423	-0.044
41.458	C.039	41.488	0.033	41.520	0.036	41.549	0.033	47.446	-0.044	47.478	-0.043	47.485	-0.037	47.507	-0.031
41.583	C.030	41.618	0.027	41.657	0.024	41.691	0.018	47.546	-0.031	47.565	-0.025	47.596	-0.015	47.613	-0.012
41.732	0.017	41.761	0.020	41.795	0.020	41.825	0.017	47.642	-0.006	47.663	0.006	47.692	0.009	47.713	0.015
41.858	0.014	41.905	0.017	41.940	0.014	41.955	0.011	47.735	0.019	47.759	0.019	47.787	0.019	47.807	0.016
41.952	0.011	42.026	0.011	42.060	0.014	42.086	0.017	47.839	0.020	47.863	0.023	47.887	0.023	47.913	0.026
42.118	C.020	42.148	0.020	42.179	0.023	42.202	0.020	47.939	0.029	47.965	0.027	47.989	0.027	48.024	0.024
42.224	C.017	42.247	0.014	42.281	0.005	42.309	-0.004	48.045	0.024	48.065	0.024	48.098	0.022	48.130	0.022
42.333	-C.010	42.357	-0.015	42.393	-0.018	42.423	-0.021	48.152	0.019	48.178	0.016	48.191	0.016	48.212	0.014
42.443	-C.018	42.472	-0.018	42.483	-0.018	42.509	-0.021	48.234	0.011	48.247	0.008	48.269	0.011	48.299	0.011
42.540	-C.024	42.564	-0.021	42.585	-0.015	42.612	-0.012	48.323	0.011	48.348	0.014	48.362	0.011	48.387	0.017
42.648	-C.012	42.663	-0.006	42.693	-0.006	42.710	-0.006	48.416	0.020	48.444	0.017	48.459	0.026	48.502	0.029
42.733	-C.012	42.752	-0.012	42.777	-0.018	42.801	-0.024	48.517	0.029	48.543	0.029	48.561	0.029	48.586	0.029
42.824	-C.027	42.852	-0.026	42.879	-0.023	42.907	-0.023	48.617	0.026	48.640	0.026	48.666	0.026	48.679	0.029
42.936	-C.023	42.961	-0.020	42.987	-0.020	43.018	-0.017	48.703	0.030	48.725	0.027	48.760	0.027	48.790	0.024
43.042	-C.017	43.073	-0.011	43.102	-0.010	43.134	-0.004	48.805	0.021	48.839	0.018	48.863	0.015	48.889	0.009
43.169	C.002	43.193	0.001	43.220	0.002	43.264	-0.003	48.911	0.004	48.935	-0.002	48.961	-0.011	48.987	-0.017
43.285	C.0	43.310	-0.003	43.339	-0.003	43.363	-0.003	49.015	-0.023	49.036	-0.029	49.064	-0.034	49.083	-0.037
43.392	-C.003	43.405	-0.002	43.425	0.007	43.457	0.010	49.105	-0.034	49.128	-0.031	49.152	-0.028	49.163	-0.022
43.491	0.016	43.516	0.013	43.538	0.013	43.550	0.010	49.186	-0.016	49.221	-0.013	49.251	-0.007	49.300	-0.003
43.551	C.010	43.614	0.004	43.635	0.004	43.659	0.001	49.313	-0.003	49.337	-0.003	49.372	0.0	49.402	0.003
43.691	C.005	43.706	0.005	43.742	0.005	43.759	0.005	49.425	0.003	49.445	0.006	49.473	0.009	49.503	0.012
43.780	C.005	43.815	0.011	43.844	0.011	43.870	0.014	49.530	0.018	49.560	0.018	49.590	0.021	49.612	0.015
43.908	C.017	43.932	0.014	43.959	0.014	43.985	0.017	49.642	0.010	49.669	0.010	49.691	0.010	49.719	0.007
44.000	C.014	44.028	0.008	44.053	0.005	44.079	-0.001	49.741	-0.002	49.770	-0.010	49.789	-0.005	49.812	-0.002
44.118	-C.004	44.146	-0.007	44.160	-0.007	44.188	-0.007	49.841	-0.002	49.864	-0.002	49.894	-0.007	49.915	-0.005
44.201	-C.010	44.227	-0.010	44.255	-0.007	44.283	-0.001	49.927	-0.002	49.944	-0.002	49.967	-0.002	49.986	0.001
44.328	0.002	44.349	0.002	44.381	0.003	44.398	0.006	50.006	0.001	50.031	0.007	50.071	0.011	50.087	0.011
44.428	0.012	44.449	0.012	44.479	0.006	44.488	0.012	50.108	0.011	50.132	0.014	50.158	0.017	50.189	0.017

50.211	C.020	50.233	0.018	50.274	0.009	50.287	0.006	56.167	0.024	56.200	0.021	56.225	0.021	56.274	0.021
50.335	0.0	50.344	-0.003	50.370	-0.005	50.404	-0.005	56.280	0.021	56.334	0.021	56.365	0.024	56.404	0.024
50.430	-0.008	50.454	-0.011	50.481	-0.014	50.509	-0.013	56.433	0.024	56.469	0.027	56.502	0.031	56.523	0.037
50.534	-0.019	50.558	-0.016	50.580	-0.016	50.600	-0.022	56.548	0.030	56.572	0.030	56.608	0.027	56.626	0.024
50.631	-0.030	50.647	-0.030	50.684	-0.024	50.702	-0.024	56.660	0.021	56.699	0.018	56.725	0.015	56.761	0.015
50.726	-0.026	50.750	-0.026	50.777	-0.032	50.801	-0.029	56.779	0.015	56.813	0.009	56.840	0.006	56.876	0.009
50.835	-0.028	50.863	-0.025	50.892	-0.022	50.921	-0.019	56.912	0.006	56.940	0.006	56.973	0.007	56.994	0.003
50.943	-0.016	50.969	-0.013	51.000	-0.009	51.027	-0.006	57.018	0.008	57.052	0.002	57.087	-0.007	57.112	-0.001
51.067	-0.012	51.085	-0.009	51.112	-0.005	51.139	-0.005	57.139	0.002	57.166	0.002	57.196	0.002	57.218	0.005
51.165	-0.011	51.195	-0.014	51.226	-0.014	51.257	-0.016	57.248	0.005	57.266	0.002	57.289	0.005	57.304	0.008
51.282	-0.016	51.320	-0.013	51.349	-0.010	51.384	-0.010	57.336	0.008	57.375	0.005	57.411	0.005	57.430	0.004
51.407	-0.010	51.438	-0.003	51.467	0.003	51.496	0.006	57.424	0.004	57.473	0.007	57.493	0.004	57.518	0.001
51.526	C.006	51.551	0.009	51.579	0.009	51.608	0.012	57.566	0.004	57.582	0.004	57.611	0.001	57.651	0.001
51.637	C.019	51.665	0.022	51.689	0.028	51.718	0.025	57.673	0.004	57.717	0.007	57.741	0.010	57.778	0.016
51.745	0.025	51.769	0.028	51.802	0.029	51.831	0.029	57.812	0.019	57.865	0.022	57.879	0.022	57.908	0.022
51.857	C.029	51.886	0.029	51.921	0.032	51.948	0.027	57.945	0.025	57.968	0.019	58.011	0.019	58.040	0.013
51.976	C.010	52.005	0.024	52.033	0.025	52.062	0.016	58.081	0.007	58.122	0.010	58.156	0.004	58.195	-0.002
52.084	C.010	52.106	0.005	52.133	0.002	52.157	-0.004	58.245	-0.014	58.269	-0.011	58.323	-0.014	58.370	-0.011
52.183	-0.007	52.206	-0.015	52.232	-0.018	52.263	-0.021	58.368	-0.014	58.409	-0.014	58.431	-0.017	58.466	-0.017
52.287	-0.017	52.309	-0.017	52.331	-0.017	52.360	-0.014	58.502	-0.020	58.509	-0.020	58.538	-0.020	58.563	-0.020
52.384	-0.010	52.413	-0.007	52.439	-0.004	52.464	-0.001	58.588	-0.017	58.626	-0.014	58.640	-0.011	58.683	-0.008
52.494	C.003	52.521	0.009	52.550	0.003	52.573	0.003	58.716	-0.005	58.744	0.001	58.777	0.004	58.820	0.007
52.604	C.001	52.624	-0.002	52.646	0.001	52.673	-0.005	58.852	0.004	58.884	0.007	58.919	0.007	58.942	0.004
52.700	-0.001	52.726	-0.010	52.760	-0.016	52.787	-0.013	58.980	0.007	59.006	0.004	59.040	0.004	59.062	0.007
52.807	-0.012	52.833	-0.009	52.854	-0.006	52.880	-0.009	59.097	0.010	59.112	0.010	59.135	0.005	59.178	0.005
52.902	-0.009	52.938	-0.009	52.947	-0.006	52.981	-0.002	59.210	-0.001	59.254	-0.001	59.261	-0.001	59.283	-0.004
53.002	-0.002	53.023	-0.005	53.051	0.001	53.097	0.004	59.315	-0.007	59.349	-0.010	59.392	-0.015	59.419	-0.021
53.104	0.007	53.135	0.010	53.161	0.016	53.188	0.023	59.447	-0.021	59.470	-0.024	59.499	-0.030	59.525	-0.030
53.225	0.028	53.243	0.034	53.283	0.037	53.311	0.046	59.556	-0.033	59.570	-0.033	59.595	-0.033	59.614	-0.036
53.358	C.052	53.375	0.055	53.404	0.052	53.430	0.052	59.636	-0.030	59.668	-0.018	59.698	-0.021	59.725	-0.027
53.453	C.046	53.475	0.046	53.507	0.043	53.534	0.034	59.746	-0.024	59.764	-0.018	59.817	-0.018	59.821	-0.015
53.556	C.031	53.580	0.025	53.602	0.022	53.622	0.019	59.847	-0.015	59.880	-0.012	59.897	-0.012	59.929	-0.012
53.646	C.016	53.672	0.013	53.696	0.007	53.720	0.007	59.945	-0.012	59.968	-0.015	59.995	-0.009	60.015	-0.009
53.736	C.001	53.753	-0.002	53.777	-0.005	53.793	-0.008	60.049	-0.012	60.072	-0.012	60.097	-0.012	60.128	-0.009
53.819	-0.005	53.849	-0.002	53.867	-0.002	53.895	-0.001	60.153	-0.006	60.189	-0.009	60.223	-0.009	60.232	-0.012
53.918	C.001	53.940	0.004	53.968	-0.001	54.005	-0.001	60.255	-0.006	60.300	-0.006	60.311	-0.003	60.334	-0.006
54.027	C.002	54.051	0.002	54.067	0.005	54.100	0.008	60.363	-0.006	60.390	-0.003	60.429	0.0	60.447	0.003
54.124	C.008	54.148	0.008	54.176	0.008	54.190	0.008	60.474	0.009	60.499	0.012	60.546	0.012	60.557	0.012
54.216	C.012	54.245	0.012	54.264	0.009	54.299	0.009	60.585	0.012	60.621	0.013	60.663	0.013	60.688	0.013
54.311	C.006	54.350	0.010	54.357	0.007	54.381	0.004	60.714	0.016	60.747	0.013	60.765	0.010	60.790	0.007
54.413	C.001	54.436	0.001	54.473	0.002	54.492	0.005	60.823	0.007	60.859	0.005	60.878	0.002	60.901	-0.001
54.521	C.008	54.537	-0.001	54.571	0.002	54.595	-0.003	60.921	-0.001	60.949	0.001	60.989	0.004	61.005	0.004
54.624	C.006	54.659	-0.015	54.696	-0.015	54.723	-0.020	61.029	0.004	61.086	0.007	61.090	0.004	61.114	0.013
54.747	-C.020	54.775	-0.026	54.804	-0.032	54.837	-0.035	61.133	0.022	61.161	0.031	61.190	0.043	61.222	0.046
54.863	-C.031	54.882	-0.034	54.904	-0.034	54.929	-0.031	61.253	0.043	61.288	0.036	61.316	0.033	61.355	0.033
54.972	-C.031	54.996	-0.034	55.017	-0.033	55.043	-0.030	61.379	0.027	61.418	0.027	61.440	0.021	61.469	0.018
55.063	-0.030	55.085	-0.027	55.109	-0.024	55.131	-0.024	61.511	0.015	61.533	0.015	61.573	0.012	61.597	0.0
55.154	-0.024	55.178	-0.021	55.200	-0.020	55.218	-0.017	61.626	-0.006	61.649	-0.009	61.675	-0.018	61.713	-0.018
55.248	-0.011	55.275	-0.011	55.299	-0.011	55.321	-0.011	61.740	-0.018	61.762	-0.024	61.775	-0.024	61.807	-0.024
55.341	-0.016	55.372	-0.010	55.385	-0.010	55.421	-0.016	61.838	-0.030	61.866	-0.030	61.895	-0.030	61.938	-0.033
55.447	-0.016	55.459	-0.016	55.489	-0.016	55.514	-0.021	61.975	-0.027	61.996	-0.024				
55.552	-0.021	55.576	-0.021	55.618	-0.015	55.645	-0.009								
55.686	-C.006	55.735	0.001	55.746	0.007	55.771	0.010								
55.800	C.010	55.857	0.013	55.866	0.013	55.895	0.019								
55.924	C.017	55.961	0.020	55.999	0.020	56.010	0.020								
56.046	C.023	56.072	0.023	56.105	0.023	56.148	0.024								

IY379

68.026. 4/8/68 1830PST CMD BLDG. VERNON, CAL. UP

2650 POINTS 62.893 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED, AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0191 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.013	0.038	-0.009	0.076	-0.003	0.099	0.009	4.286	-0.039	4.290	-0.042	4.292	-0.039	4.304	-0.032
0.038	0.012	0.139	0.006	0.158	0.012	0.179	0.012	4.312	-0.029	4.322	0.023	4.334	-0.014	4.343	-0.004
0.076	0.012	0.221	0.009	0.248	-0.003	0.269	0.006	4.353	0.014	4.365	0.020	4.375	0.033	4.385	0.039
0.114	0.003	0.312	0.003	0.331	0.006	0.347	0.009	4.391	0.042	4.407	0.039	4.421	0.033	4.428	0.027
0.152	-0.003	0.392	0.006	0.411	0.003	0.425	0.012	4.438	0.024	4.452	0.011	4.460	0.005	4.472	0.002
0.190	0.012	0.491	0.009	0.521	0.003	0.551	0.012	4.466	-0.007	4.501	-0.023	4.517	-0.020	4.531	0.013
0.228	0.012	0.587	0.006	0.613	0.0	0.643	0.010	4.547	-0.010	4.562	-0.001	4.570	0.002	4.580	0.011
0.266	-0.012	0.708	-0.010	0.746	-0.004	0.778	-0.004	4.590	0.018	4.602	0.024	4.610	0.033	4.616	0.039
0.304	-0.012	0.838	-0.019	0.864	-0.013	0.888	-0.013	4.625	0.045	4.635	0.039	4.649	0.033	4.665	0.033
0.342	-0.013	0.936	-0.010	0.969	-0.010	0.995	-0.004	4.661	0.027	4.692	0.027	4.706	0.021	4.712	0.027
0.380	0.017	1.038	0.020	1.080	0.030	1.098	0.036	4.722	0.030	4.732	0.033	4.744	0.039	4.755	0.033
0.418	0.042	1.141	0.036	1.169	0.029	1.192	0.014	4.767	0.030	4.777	0.027	4.785	0.017	4.793	0.014
0.456	0.011	1.238	0.007	1.261	0.007	1.291	0.023	4.803	0.008	4.810	-0.001	4.818	-0.007	4.826	0.013
0.494	0.013	1.348	-0.005	1.378	-0.021	1.401	-0.021	4.834	-0.020	4.848	-0.020	4.858	-0.017	4.877	-0.011
0.532	-0.009	1.469	0.0	1.482	0.013	1.508	0.012	4.901	-0.004	4.919	0.005	4.938	-0.004	4.964	-0.008
0.570	0.037	1.568	0.012	1.596	0.006	1.624	0.0	4.990	0.014	5.019	0.017	5.031	-0.023	5.043	-0.039
0.608	0.037	1.659	0.009	1.687	0.021	1.713	0.009	5.056	-0.048	5.068	-0.037	5.084	-0.060	5.092	-0.067
0.646	0.005	1.769	-0.013	1.791	-0.016	1.830	-0.020	5.106	-0.057	5.123	-0.048	5.139	-0.036	5.155	-0.026
0.684	-0.014	1.884	0.002	1.918	0.005	1.954	-0.002	5.170	-0.057	5.186	-0.054	5.202	-0.020	5.218	-0.023
0.722	-0.020	1.994	-0.017	2.028	-0.017	2.054	-0.014	5.233	-0.029	5.243	-0.029	5.257	-0.026	5.271	-0.023
0.760	-0.011	2.102	-0.005	2.135	-0.004	2.161	0.001	5.281	-0.020	5.294	-0.017	5.304	-0.011	5.312	-0.008
0.798	-0.012	2.225	-0.021	2.255	-0.009	2.282	0.0	5.326	-0.004	5.336	0.002	5.349	0.008	5.361	0.011
0.836	0.010	2.338	-0.009	2.368	-0.025	2.400	-0.025	5.375	0.020	5.385	0.027	5.397	0.033	5.412	0.027
0.874	-0.013	2.463	0.003	2.491	0.009	2.521	-0.007	5.422	0.017	5.440	0.014	5.454	0.021	5.465	0.024
0.912	-0.019	2.569	0.038	2.588											

6.386	-C.070	6.402	-0.067	6.417	-0.064	6.427	-0.064	9.766	-0.002	9.786	0.007	9.808	0.011	9.830	0.014
6.449	-C.057	6.461	-0.045	6.474	-0.029	6.488	-0.017	9.846	0.017	9.864	0.007	9.878	0.004	9.895	-0.002
6.502	-C.005	6.519	0.005	6.527	0.011	6.539	0.014	9.915	-0.011	9.925	-0.020	9.935	-0.033	9.947	-0.042
6.553	-C.020	6.568	0.014	6.584	0.008	6.600	-0.001	9.963	-0.054	9.979	-0.045	9.995	-0.036	10.019	-0.026
6.616	-C.004	6.631	-0.013	6.645	-0.020	6.661	-0.025	10.035	-0.017	10.055	-0.011	10.065	-0.001	10.087	0.007
6.678	-C.019	6.694	-0.013	6.716	-0.010	6.733	-0.013	10.105	0.004	10.137	0.004	10.177	0.004	10.207	0.0
6.749	-C.010	6.765	-0.004	6.780	0.005	6.800	-0.009	10.233	0.0	10.249	0.003	10.267	0.009	10.287	0.019
6.812	0.006	6.830	-0.004	6.847	-0.010	6.865	-0.019	10.291	0.009	10.305	0.003	10.323	0.0	10.349	-0.006
6.883	-0.025	6.896	-0.028	6.912	-0.037	6.930	-0.034	10.363	-0.003	10.391	-0.007	10.407	-0.001	10.425	0.006
6.945	-C.031	6.961	-0.028	6.977	-0.025	6.990	-0.016	10.439	0.009	10.455	0.005	10.472	0.002	10.484	-0.004
7.014	-0.013	7.032	-0.006	7.049	-0.003	7.067	-0.003	10.498	-0.010	10.522	-0.029	10.544	-0.038	10.560	-0.048
7.082	0.009	7.102	0.012	7.116	0.009	7.133	0.0	10.570	-0.054	10.590	-0.060	10.598	-0.048	10.618	-0.039
7.149	-C.003	7.167	-0.006	7.186	-0.013	7.202	-0.013	10.632	-0.033	10.645	-0.027	10.661	-0.021	10.673	-0.015
7.212	-C.013	7.225	-0.006	7.239	0.003	7.257	0.012	10.687	-0.021	10.703	-0.028	10.711	-0.031	10.729	-0.034
7.271	0.021	7.282	0.031	7.296	0.037	7.306	0.034	10.741	-0.037	10.751	-0.041	10.767	-0.038	10.777	-0.035
7.323	0.028	7.337	0.021	7.353	0.015	7.363	0.006	10.793	-0.029	10.812	-0.023	10.828	-0.020	10.844	-0.023
7.370	0.0	7.382	-0.006	7.398	-0.013	7.414	-0.009	10.870	-0.026	10.888	-0.020	10.898	-0.008	10.920	-0.011
7.429	-C.006	7.449	-0.003	7.468	0.003	7.488	0.012	10.940	-0.012	10.960	-0.012	10.979	-0.015	10.991	-0.021
7.504	0.018	7.519	0.028	7.533	0.034	7.547	0.040	11.003	-0.021	11.019	-0.018	11.035	-0.015	11.047	-0.012
7.558	0.037	7.572	0.034	7.588	0.031	7.600	0.021	11.063	-0.003	11.087	0.0	11.099	-0.001	11.125	-0.001
7.611	0.009	7.633	-0.003	7.647	-0.006	7.658	-0.019	11.147	-0.004	11.169	-0.007	11.183	-0.010	11.203	-0.014
7.668	-0.028	7.676	-0.031	7.688	-0.025	7.698	-0.019	11.221	-0.017	11.232	-0.026	11.244	-0.039	11.258	-0.045
7.719	-0.016	7.737	-0.006	7.752	-0.003	7.770	0.003	11.266	-0.036	11.282	-0.027	11.306	-0.027	11.318	-0.027
7.780	0.006	7.792	0.015	7.807	0.021	7.819	0.031	11.346	-0.030	11.366	-0.027	11.386	-0.027	11.406	-0.021
7.837	0.028	7.848	0.024	7.864	0.015	7.886	0.006	11.424	-0.018	11.444	-0.015	11.462	-0.015	11.477	-0.018
7.899	0.0	7.919	-0.003	7.940	-0.006	7.960	-0.013	11.459	-0.021	11.521	-0.024	11.541	-0.031	11.555	-0.034
7.974	-0.019	7.993	-0.025	8.011	-0.019	8.028	-0.016	11.573	-0.037	11.581	-0.043	11.601	-0.049	11.617	-0.040
8.040	-C.007	8.055	-0.001	8.071	0.003	8.087	0.015	11.633	-0.034	11.654	-0.028	11.660	-0.018	11.666	-0.015
8.050	0.021	8.104	0.027	8.116	0.024	8.131	0.015	11.678	-0.006	11.692	-0.003	11.698	0.0	11.710	0.003
8.147	0.012	8.159	0.005	8.170	-0.001	8.188	-0.004	11.722	-0.003	11.738	-0.009	11.752	-0.019	11.762	-0.022
8.260	-C.010	8.219	-0.016	8.231	-0.022	8.244	-0.029	11.772	-0.028	11.780	-0.034	11.796	-0.037	11.809	-0.037
8.282	-C.038	8.268	-0.032	8.277	-0.023	8.289	-0.017	11.819	-0.031	11.833	-0.028	11.841	-0.022	11.853	-0.016
8.303	-C.010	8.312	-0.001	8.320	0.011	8.332	0.017	11.867	-0.006	11.881	0.006	11.893	0.012	11.903	0.021
8.349	0.023	8.363	0.033	8.375	0.023	8.385	0.017	11.921	0.028	11.937	0.021	11.953	0.015	11.961	0.006
8.437	-0.020	8.406	0.002	8.418	-0.005	8.429	-0.014	11.976	0.003	11.986	-0.003	11.994	-0.016	12.008	-0.025
8.500	-0.008	8.502	-0.002	8.523	0.017	8.535	0.032	12.016	-0.031	12.026	-0.028	12.042	-0.028	12.050	-0.022
8.550	0.032	8.564	0.038	8.578	0.041	8.590	0.047	12.129	0.024	12.141	0.034	12.159	0.037	12.174	0.043
8.601	0.050	8.609	0.035	8.621	0.029	8.633	0.022	12.184	0.037	12.210	0.037	12.226	0.034	12.240	0.027
8.646	0.016	8.656	0.007	8.664	-0.003	8.681	-0.009	12.254	0.030	12.269	0.033	12.293	0.033	12.313	0.030
8.657	-C.006	8.719	-0.006	8.730	-0.003	8.752	-0.003	12.327	0.024	12.345	0.021	12.363	0.018	12.372	0.011
8.767	-0.003	8.783	0.0	8.793	0.003	8.807	0.006	12.386	0.005	12.396	-0.001	12.410	0.005	12.424	0.008
8.820	0.009	8.836	0.012	8.846	0.009	8.853	0.006	12.434	0.011	12.450	0.020	12.458	0.027	12.468	0.033
8.869	0.003	8.885	0.0	8.900	-0.006	8.910	-0.010	12.478	0.030	12.492	0.023	12.509	0.020	12.523	0.017
8.924	-C.016	8.941	-0.022	8.953	-0.028	8.969	-0.031	12.529	0.014	12.547	0.011	12.557	0.008	12.569	0.001
8.973	-C.038	8.989	-0.041	9.011	-0.035	9.027	-0.035	12.579	-0.002	12.589	-0.008	12.601	-0.017	12.613	-0.020
9.047	-C.035	9.057	-0.038	9.076	-0.025	9.092	-0.023	12.629	-0.011	12.643	-0.005	12.657	0.001	12.675	0.004
9.114	-0.013	9.140	0.011	9.156	0.008	9.170	0.008	12.693	0.004	12.705	0.010	12.721	0.009	12.737	0.015
9.156	-C.005	9.212	0.002	9.232	-0.011	9.250	-0.017	12.753	0.012	12.769	0.006	12.789	0.003	12.805	0.003
9.270	-C.011	9.292	-0.004	9.325	0.014	9.347	0.029	12.819	-0.007	12.839	-0.022	12.857	-0.013	12.881	-0.004
9.365	0.043	9.383	0.045	9.403	0.042	9.423	0.035	12.897	0.002	12.915	0.008	12.937	0.014	12.947	0.023
9.439	0.023	9.461	0.014	9.477	0.008	9.493	0.004	12.957	0.017	12.975	0.013	12.989	0.004	13.011	0.001
9.512	0.007	9.528	0.011	9.550	0.014	9.574	0.017	13.027	0.004	13.050	0.013	13.074	0.022	13.092	0.025
9.590	0.020	9.606	0.029	9.622	0.035	9.632	0.041	13.108	0.022	13.132	0.015	13.150	0.009	13.160	0.0
9.645	0.048	9.659	0.051	9.675	0.054	9.687	0.051	13.172	-0.010	13.202	-0.019	13.226	-0.025	13.252	-0.032
9.701	0.038	9.719	0.032	9.735	0.020	9.751	0.007	13.274	-0.025	13.296	-0.019	13.322	-0.020	13.346	-0.020

13.376	-C.014	13.402	-0.020	13.422	-0.020	13.450	-0.020	17.735	-0.060	17.755	-0.057	17.781	-0.060	17.805	-0.063
13.476	-C.020	13.508	-0.020	13.532	-0.023	13.562	-0.020	17.824	-0.063	17.848	-0.067	17.868	-0.076	17.890	-0.076
13.581	-C.020	13.609	-0.020	13.641	-0.020	13.669	-0.023	17.906	-0.073	17.928	-0.073	17.944	-0.061	17.967	-0.048
13.689	-C.017	13.711	-0.014	13.731	-0.020	13.753	-0.023	17.984	-0.042	18.003	-0.030	18.022	-0.018	18.038	-0.012
13.769	-C.032	13.786	-0.038	13.804	-0.041	13.824	-0.035	18.059	-0.012	18.074	-0.006	18.091	-0.001	18.116	0.0
13.842	-0.032	13.862	-0.032	13.882	-0.026	13.912	-0.026	18.129	-0.003	18.148	-0.003	18.166	-0.006	18.175	-0.012
13.946	-0.029	13.973	-0.029	14.001	-0.029	14.025	-0.029	18.187	-0.012	18.198	-0.003	18.213	0.0	18.229	0.0
14.048	-0.025	14.078	-0.022	14.096	-0.016	14.117	-0.016	18.248	0.003	18.269	0.006	18.290	0.003	18.318	0.006
14.149	-0.016	14.171	-0.013	14.191	-0.010	14.210	-0.004	18.333	0.009	18.353	0.012	18.372	0.019	18.383	0.016
14.236	-C.003	14.248	0.009	14.271	0.009	14.287	0.018	18.395	0.012	18.410	0.006	18.425	0.009	18.440	0.012
14.305	-C.024	14.323	0.021	14.345	0.021	14.372	0.015	18.456	0.019	18.477	0.018	18.488	0.022	18.507	0.025
14.390	-C.012	14.404	0.006	14.416	0.0	14.433	-0.003	18.518	0.031	18.532	0.034	18.545	0.034	18.560	0.037
14.453	-C.003	14.471	-0.007	14.489	-0.010	14.510	-0.013	18.570	0.037	18.583	0.037	18.595	0.037	18.606	0.037
14.520	-0.019	14.536	-0.022	14.552	-0.022	14.568	-0.019	18.619	0.037	18.631	0.037	18.648	0.037	18.663	0.034
14.583	-C.016	14.599	-0.013	14.613	-0.010	14.629	-0.004	18.678	0.037	18.699	0.037	18.713	0.037	18.730	0.040
14.645	-C.002	14.662	0.015	14.672	0.024	14.686	0.027	18.747	0.043	18.770	0.037	18.789	0.037	18.800	0.034
14.700	-C.033	14.714	0.042	14.728	0.045	14.743	0.042	18.819	0.034	18.842	0.031	18.853	0.024	18.870	0.031
14.763	-C.039	14.785	0.033	14.805	0.030	14.822	0.024	18.890	0.034	18.909	0.040	18.935	0.037	18.952	0.037
14.836	-C.020	14.860	0.020	14.876	0.020	14.893	0.020	18.971	0.040	18.986	0.046	19.007	0.049	19.028	0.055
14.915	-C.020	14.931	0.026	14.947	0.032	14.959	0.035	19.047	0.058	19.066	0.068	19.077	0.065	19.094	0.065
14.978	-C.041	14.992	0.044	15.006	0.041	15.026	0.038	19.111	0.065	19.130	0.059	19.153	0.059	19.181	0.056
15.047	-0.028	15.063	0.016	15.077	0.001	15.099	-0.012	19.202	0.056	19.215	0.050	19.238	0.050	19.261	0.047
15.125	-0.028	15.142	-0.043	15.160	-0.049	15.174	-0.046	19.272	0.044	19.299	0.041	19.319	0.034	19.352	0.031
15.198	-0.040	15.221	-0.034	15.241	-0.025	15.261	-0.019	19.376	0.025	19.406	0.016	19.427	0.007	19.444	0.013
15.285	-0.013	15.300	-0.010	15.320	-0.010	15.344	-0.016	19.478	0.013	19.501	0.010	19.518	0.004	19.543	0.004
15.366	-C.019	15.387	-0.022	15.411	-0.029	15.435	-0.023	19.570	0.001	19.589	0.001	19.612	-0.005	19.634	-0.008
15.459	-0.017	15.484	-0.017	15.502	-0.014	15.520	-0.017	19.663	-0.011	19.691	-0.011	19.720	-0.014	19.739	-0.017
15.612	-0.014	15.628	-0.008	15.648	-0.002	15.669	-0.003	19.762	-0.019	19.783	-0.022	19.807	-0.022	19.832	-0.025
15.673	0.011	15.689	0.008	15.712	0.005	15.736	-0.001	19.845	-0.025	19.862	-0.028	19.889	-0.034	19.914	-0.040
15.752	-0.008	15.762	-0.014	15.781	-0.011	15.801	-0.007	19.925	-0.050	19.946	-0.046	19.965	-0.046	19.978	-0.043
15.817	-0.007	15.837	-0.007	15.846	-0.007	15.862	-0.004	20.007	-0.043	20.018	-0.040	20.033	-0.046	20.043	-0.052
15.878	-0.004	15.896	-0.004	15.913	-0.004	15.935	-0.004	20.058	-0.055	20.071	-0.058	20.086	-0.058	20.103	-0.058
15.955	-C.004	15.973	-0.004	15.986	-0.007	15.998	-0.010	20.117	-0.064	20.136	-0.067	20.143	-0.067	20.160	-0.064
16.018	-C.001	16.034	0.006	16.046	0.009	16.058	0.018	20.177	-0.064	20.196	-0.061	20.221	-0.058	20.240	-0.055
16.070	-C.021	16.086	0.024	16.099	0.034	16.121	0.034	20.249	-0.052	20.262	-0.049	20.272	-0.052	20.287	-0.052
16.137	-C.031	16.157	0.034	16.177	0.028	16.195	0.022	20.298	-0.052	20.310	-0.049	20.321	-0.046	20.334	-0.046
16.211	-C.016	16.232	0.016	16.256	0.016	16.288	0.019	20.350	-0.046	20.369	-0.043	20.384	-0.046	20.399	-0.046
16.256	-C.019	16.320	0.013	16.332	0.007	16.355	0.001	20.414	-0.049	20.429	-0.049	20.439	-0.045	20.452	-0.052
16.375	-C.001	16.393	0.004	16.415	0.004	16.439	0.008	20.465	-0.049	20.480	-0.046	20.499	-0.043	20.510	-0.040
16.457	-C.008	16.475	0.014	16.458	0.014	16.516	0.020	20.526	-0.040	20.539	-0.037	20.556	-0.033	20.565	-0.030
16.523	-C.011	16.550	0.005	16.564	-0.004	16.591	-0.007	20.584	-0.037	20.607	-0.033	20.622	-0.027	20.633	-0.021
16.622	-0.007	16.645	-0.007	16.663	-0.007	16.680	-0.004	20.656	-0.021	20.664	-0.018	20.679	-0.012	20.688	-0.009
16.654	-C.002	16.707	0.012	16.727	0.012	16.754	0.012	20.707	-0.003	20.718	0.0	20.726	0.004	20.737	0.004
16.779	-C.009	16.804	0.009	16.835	0.009	16.853	0.006	20.747	0.007	20.768	0.010	20.779	0.016	20.786	0.013
16.878	-C.003	16.893	0.003	16.911	0.009	16.923	0.015	20.798	0.016	20.809	0.019	20.828	0.019	20.839	0.019
16.942	-C.021	16.961	0.024	16.969	0.031	16.986	0.034	20.860	0.019	20.873	0.022	20.885	0.022	20.904	0.025
17.003	-C.028	17.020	0.028	17.037	0.021	17.052	0.021	20.913	0.028	20.921	0.034	20.930	0.044	20.943	0.041
17.079	-C.024	17.102	0.015	17.119	0.036	17.138	0.0	20.958	0.047	20.970	0.047	20.989	0.044	21.010	0.041
17.153	-C.009	17.168	-0.016	17.187	-0.022	17.204	-0.025	21.029	0.041	21.047	0.038	21.070	0.038	21.087	0.035
17.223	-0.031	17.242	-0.037	17.267	-0.040	17.290	-0.044	21.102	0.032	21.117	0.026	21.138	0.029	21.159	0.029
17.318	-0.047	17.345	-0.047	17.366	-0.050	17.387	-0.053	21.178	0.029	21.199	0.026	21.218	0.026	21.231	0.023
17.468	-0.056	17.428	-0.056	17.442	-0.059	17.462	-0.053	21.239	0.023	21.254	0.023	21.265	0.020	21.278	0.017
17.487	-C.050	17.509	-0.047	17.531	-0.047	17.554	-0.044	21.293	0.011	21.305	0.008	21.322	0.005	21.327	-0.001
17.580	-0.047	17.604	-0.050	17.622	-0.057	17.636	-0.063	21.335	-0.004	21.350	-0.007	21.358	-0.013	21.367	-0.010
17.658	-0.063	17.674	-0.069	17.691	-0.069	17.711	-0.060	21.377	-0.007	21.388	-0.010	21.397	-0.010	21.407	-0.010
								21.414	-0.007	21.422	-0.004	21.433	-0.001	21.449	0.002

21.460	-0.001	21.479	0.002	21.486	-0.004	21.502	-0.010	25.558	0.0	25.567	0.0	25.590	0.0	25.613	-0.003
21.513	-0.016	21.532	-0.019	21.540	-0.023	21.555	-0.023	25.628	-0.003	25.645	-0.006	25.678	-0.002	25.710	-0.002
21.512	-0.023	21.539	-0.016	21.547	-0.018	21.568	-0.007	25.737	-0.002	25.759	-0.005	25.786	-0.007	25.820	-0.013
21.623	0.002	21.634	0.011	21.650	0.018	21.669	0.021	25.839	-0.019	25.872	-0.025	25.902	-0.031	25.927	-0.034
21.684	0.033	21.701	0.036	21.714	0.042	21.726	0.045	25.956	-0.037	26.003	-0.033	26.023	-0.036	26.063	-0.039
21.733	0.048	21.746	0.045	21.767	0.039	21.790	0.033	26.095	-0.038	26.126	-0.038	26.156	-0.038	26.191	-0.032
21.800	0.030	21.813	0.027	21.830	0.027	21.858	0.024	26.216	-0.028	26.233	-0.023	26.256	-0.019	26.279	-0.012
21.851	0.024	21.904	0.017	21.925	0.011	21.942	0.008	26.306	-0.009	26.323	-0.006	26.346	-0.001	26.363	0.007
21.967	0.005	21.986	-0.001	22.007	-0.008	22.030	-0.014	26.384	-0.013	26.411	-0.016	26.436	0.013	26.459	0.010
22.047	-0.023	22.066	-0.020	22.087	-0.014	22.110	-0.017	26.478	0.010	26.501	0.016	26.524	0.016	26.543	0.022
22.129	-0.017	22.148	-0.014	22.163	-0.011	22.178	-0.008	26.566	0.031	26.584	0.038	26.607	0.041	26.614	0.035
22.194	-0.011	22.217	-0.014	22.240	-0.020	22.259	-0.023	26.632	0.031	26.659	0.031	26.680	0.035	26.705	0.038
22.278	-0.026	22.293	-0.026	22.318	-0.032	22.323	-0.039	26.722	0.041	26.738	0.044	26.757	0.047	26.768	0.047
22.333	-0.036	22.343	-0.032	22.356	-0.032	22.371	-0.035	26.784	0.047	26.797	0.047	26.813	0.044	26.832	0.041
22.381	-0.032	22.392	-0.026	22.404	-0.020	22.427	-0.023	26.849	0.041	26.867	0.041	26.884	0.041	26.901	0.035
22.438	-0.017	22.453	-0.011	22.465	-0.011	22.478	-0.007	26.921	0.032	26.940	0.035	26.959	0.032	26.978	0.032
22.452	-0.014	22.507	-0.017	22.530	-0.020	22.542	-0.023	26.986	0.035	27.002	0.032	27.025	0.032	27.052	0.026
22.559	-0.029	22.576	-0.026	22.593	-0.029	22.609	-0.026	27.075	0.022	27.094	0.016	27.118	0.004	27.143	-0.002
22.618	-0.026	22.645	-0.023	22.661	-0.019	22.678	-0.016	27.164	-0.002	27.189	-0.008	27.216	-0.011	27.232	-0.018
22.691	-0.016	22.701	-0.013	22.715	-0.010	22.732	-0.010	27.255	-0.014	27.292	-0.014	27.309	-0.011	27.334	-0.011
22.747	-0.007	22.764	-0.004	22.786	-0.004	22.803	-0.010	27.356	-0.014	27.381	-0.011	27.412	-0.011	27.446	-0.011
22.824	-0.013	22.845	-0.019	22.870	-0.019	22.901	-0.019	27.470	-0.007	27.500	-0.014	27.541	-0.013	27.581	-0.013
22.918	-0.016	22.947	-0.016	22.968	-0.019	22.990	-0.019	27.612	-0.016	27.641	-0.016	27.681	-0.016	27.716	-0.010
23.007	-0.019	23.033	-0.019	23.054	-0.012	23.091	-0.003	27.743	-0.009	27.770	-0.003	27.812	-0.006	27.845	-0.006
23.116	-0.003	23.142	0.0	23.165	0.009	23.190	0.009	27.870	-0.006	27.895	-0.006	27.916	-0.003	27.941	0.001
23.210	0.013	23.227	0.013	23.251	0.013	23.274	0.016	27.986	0.004	27.986	0.007	28.020	0.013	28.041	0.017
23.297	0.019	23.313	0.019	23.334	0.022	23.352	0.028	28.070	0.017	28.090	0.011	28.126	0.001	28.159	-0.005
23.375	0.025	23.401	0.019	23.428	0.013	23.455	0.010	28.202	-0.017	28.244	-0.026	28.279	-0.023	28.317	-0.023
23.471	0.013	23.504	0.017	23.537	0.023	23.560	0.029	28.350	-0.020	28.385	-0.020	28.419	-0.026	28.454	-0.029
23.589	0.033	23.614	0.030	23.637	0.021	23.659	0.021	28.487	-0.029	28.524	-0.029	28.556	-0.029	28.585	-0.026
23.694	0.012	23.733	0.009	23.758	0.006	23.787	0.009	28.618	-0.019	28.643	-0.019	28.684	-0.022	28.720	-0.025
23.802	0.009	23.814	0.003	23.841	-0.003	23.859	-0.006	28.761	-0.024	28.770	-0.025	28.823	-0.031	28.859	-0.031
23.878	-0.012	23.897	-0.015	23.923	-0.018	23.940	-0.021	28.886	-0.031	28.913	-0.028	28.938	-0.022	28.981	-0.022
23.956	-0.027	23.971	-0.030	23.994	-0.033	24.017	-0.030	28.992	-0.022	29.021	-0.019	29.043	-0.013	29.066	-0.009
24.036	-0.030	24.063	-0.030	24.075	-0.036	24.088	-0.039	29.085	-0.006	29.111	0.0	29.132	0.006	29.153	0.009
24.107	-0.039	24.119	-0.045	24.132	-0.048	24.145	-0.045	29.198	0.015	29.207	0.024	29.236	0.028	29.260	0.034
24.165	-0.044	24.182	-0.041	24.197	-0.038	24.211	-0.035	29.287	0.034	29.316	0.037	29.337	0.043	29.358	0.043
24.228	-0.032	24.245	-0.029	24.257	-0.026	24.270	-0.026	29.385	0.046	29.407	0.043	29.426	0.043	29.455	0.040
24.285	-0.019	24.297	-0.016	24.312	-0.013	24.328	-0.013	29.479	0.037	29.498	0.034	29.526	0.034	29.554	0.030
24.347	-0.016	24.358	-0.022	24.374	-0.025	24.389	-0.025	29.571	0.024	29.591	0.021	29.611	0.015	29.634	0.015
24.410	-0.025	24.425	-0.022	24.447	-0.025	24.466	-0.022	29.650	0.015	29.692	0.015	29.715	0.015	29.741	0.012
24.483	-0.022	24.504	-0.025	24.515	-0.019	24.534	-0.016	29.764	0.015	29.800	0.012	29.824	0.012	29.847	0.012
24.550	-0.013	24.578	-0.006	24.622	-0.003	24.645	-0.003	29.867	0.015	29.895	0.018	29.910	0.011	29.932	0.008
24.668	0.0	24.691	0.0	24.708	0.003	24.731	0.003	29.952	0.002	29.993	0.002	30.021	0.002	30.021	0.005
24.754	0.0	24.773	0.0	24.790	0.0	24.805	0.006	30.033	0.005	30.055	0.011	30.076	0.011	30.098	0.008
24.828	0.009	24.851	0.012	24.868	0.019	24.885	0.028	30.122	0.008	30.142	0.005	30.168	0.005	30.189	0.002
24.902	0.022	24.921	0.019	24.931	0.016	24.944	0.016	30.221	-0.002	30.245	-0.001	30.269	-0.004	30.298	-0.011
24.959	0.010	24.973	0.010	24.990	0.010	24.997	0.007	30.318	-0.008	30.342	0.002	30.364	0.005	30.390	0.002
25.014	0.003	25.033	0.003	25.049	0.004	25.066	0.004	30.417	0.005	30.439	0.008	30.461	0.011	30.485	0.014
25.073	0.010	25.094	0.010	25.111	0.010	25.125	0.010	30.504	0.017	30.522	0.020	30.543	0.017	30.563	0.020
25.140	0.013	25.157	0.013	25.172	0.013	25.187	0.010	30.587	0.017	30.618	0.011	30.638	0.004	30.657	0.001
25.212	0.007	25.225	0.001	25.240	-0.002	25.255	-0.005	30.677	-0.005	30.708	-0.005	30.732	-0.014	30.750	-0.020
25.265	-0.008	25.288	-0.011	25.295	-0.014	25.310	-0.005	30.773	-0.017	30.795	-0.005	30.816	-0.001	30.850	-0.005
25.333	-0.005	25.348	-0.008	25.364	-0.011	25.390	-0.004	30.875	-0.010	30.895	-0.004	30.920	-0.007	30.938	-0.011
25.407	-0.004	25.417	-0.004	25.436	-0.004	25.455	-0.004	30.959	-0.010	30.981	-0.010	31.002	-0.010	31.027	-0.010
25.468	-0.004	25.491	-0.001	25.512	0.003	25.535	0.0	31.049	-0.007	31.062	-0.007	31.085	-0.010	31.107	-0.010

31.134	-0.007	31.169	-0.010	31.190	-0.013	31.225	-0.017	38.148	0.005	38.163	0.002	38.180	-0.001	38.193	-0.005
31.252	-0.016	31.281	-0.016	31.310	-0.016	31.335	-0.020	38.210	-0.005	38.221	-0.005	38.235	-0.008	38.250	-0.005
31.354	-0.016	31.389	-0.013	31.420	-0.001	31.459	0.005	38.263	-0.005	38.274	-0.004	38.288	-0.009	38.301	-0.012
31.454	0.005	31.536	0.002	31.581	0.008	31.627	0.005	38.316	-0.012	38.331	-0.012	38.348	-0.012	38.367	-0.010
31.656	0.001	31.691	-0.002	31.726	0.013	31.759	0.013	38.386	-0.013	38.395	-0.016	38.414	-0.013	38.437	-0.013
31.790	0.006	31.827	0.016	31.869	0.016	31.910	0.013	38.452	-0.017	38.469	-0.020	38.480	-0.019	38.499	-0.019
31.952	0.006	31.981	0.003	32.014	0.003	32.047	0.003	38.516	-0.016	38.533	-0.016	38.546	-0.016	38.567	-0.013
32.082	0.0	32.115	-0.007	32.152	-0.010	32.181	-0.016	38.587	-0.013	38.604	-0.013	38.627	-0.009	38.649	-0.006
32.208	-0.019	32.237	-0.023	32.262	-0.026	32.286	-0.026	38.670	-0.005	38.689	-0.005	38.715	-0.002	38.751	-0.001
32.315	-0.029	32.348	-0.029	32.377	-0.020	32.412	-0.020	38.779	-0.001	38.809	0.002	38.836	-0.001	38.858	0.003
32.448	-0.023	32.487	-0.030	32.518	-0.023	32.551	-0.020	38.865	0.0	38.902	-0.003	38.935	0.003	38.969	0.006
32.584	-0.014	32.620	-0.011	32.655	-0.002	32.694	-0.005	38.996	0.009	39.024	0.009	39.052	0.009	39.082	0.009
32.744	-0.008	32.787	-0.005	32.817	0.001	32.860	0.007	39.112	0.009	39.136	0.009	39.161	0.009	39.183	0.009
32.897	0.004	32.937	-0.002	32.974	-0.002	32.999	0.001	39.217	0.009	39.243	0.006	39.268	0.003	39.294	0.002
33.035	0.010	33.072	0.019	33.095	0.025	33.135	0.019	39.309	-0.001	39.329	-0.004	39.356	-0.004	39.373	-0.004
33.174	0.013	33.212	0.010	33.249	0.010	33.297	0.010	39.391	-0.001	39.410	0.001	39.435	0.004	39.451	0.007
33.341	0.006	33.366	-0.006	33.391	-0.009	33.418	-0.018	39.468	0.001	39.489	0.007	39.511	0.004	39.530	0.003
33.451	-0.018	33.497	-0.022	33.536	-0.028	33.565	-0.022	39.548	0.003	39.567	0.003	39.595	0.003	39.617	0.003
33.555	-0.022	33.628	-0.016	33.658	-0.013	33.694	-0.009	39.638	0.006	39.664	0.006	39.684	0.006	39.705	0.006
33.725	-0.006	33.761	-0.003	33.793	-0.003	33.822	0.0	39.721	0.010	39.744	0.016	39.770	0.013	39.783	0.013
33.852	0.007	33.882	0.010	33.913	0.010	33.947	0.010	39.801	0.013	39.824	0.016	39.840	0.016	39.863	0.017
33.983	0.010	34.021	0.010	34.061	0.010	34.091	0.011	39.876	0.020	39.892	0.020	39.917	0.020	39.943	0.020
34.131	0.005	34.167	0.002	34.205	0.002	34.241	-0.001	39.965	0.020	39.995	0.014	40.011	0.015	40.034	0.015
34.277	-0.004	34.317	-0.004	34.360	-0.007	34.393	-0.010	40.054	0.013	40.071	0.010	40.087	0.010	40.113	0.011
34.429	-0.013	34.457	-0.019	34.489	-0.022	34.510	-0.022	40.130	0.008	40.156	0.005	40.175	0.005	40.195	0.002
34.536	-0.025	34.572	-0.018	34.600	-0.021	34.629	-0.018	40.217	0.002	40.243	0.005	40.262	0.008	40.284	0.008
34.657	-0.012	34.708	-0.014	34.727	-0.014	34.768	-0.014	40.308	0.011	40.333	0.014	40.373	0.014	40.397	0.014
34.808	-0.008	34.840	-0.001	34.874	0.002	34.910	0.005	40.421	0.017	40.444	0.017	40.479	0.020	40.494	0.016
34.946	0.005	34.987	0.008	35.019	0.008	35.057	0.012	40.516	0.016	40.541	0.016	40.569	0.019	40.595	0.019
35.093	0.015	35.140	0.018	35.180	0.015	35.208	0.015	40.623	0.019	40.644	0.022	40.666	0.022	40.687	0.019
35.250	0.015	35.285	0.015	35.327	0.015	35.367	0.015	40.703	0.019	40.724	0.013	40.746	0.010	40.763	0.010
35.412	0.015	35.455	0.012	35.493	0.015	35.535	0.018	40.786	0.011	40.814	0.004	40.830	0.001	40.855	0.0
35.577	0.021	35.617	0.024	35.649	0.027	35.691	0.030	40.875	0.0	40.903	-0.003	40.920	-0.001	40.941	-0.004
35.729	0.027	35.771	0.026	35.807	0.023	35.847	0.017	40.959	-0.004	40.978	-0.008	41.000	-0.011	41.037	-0.008
35.885	0.011	35.919	0.007	35.942	0.004	35.961	0.001	41.063	-0.007	41.093	-0.010	41.127	-0.010	41.143	-0.004
35.977	0.001	36.007	0.001	36.035	-0.006	36.064	-0.015	41.164	-0.004	41.188	-0.003	41.210	-0.003	41.238	-0.003
36.100	-0.025	36.123	-0.022	36.157	-0.028	36.182	-0.029	41.257	-0.006	41.270	-0.006	41.287	-0.006	41.309	-0.006
36.212	-0.020	36.250	-0.023	36.277	-0.023	36.300	-0.024	41.335	-0.002	41.353	-0.002	41.374	0.001	41.402	0.007
36.326	-0.024	36.355	-0.021	36.376	-0.021	36.401	-0.022	41.419	0.004	41.443	0.003	41.469	0.003	41.485	0.006
36.429	-0.025	36.459	-0.022	36.490	-0.016	36.513	-0.010	41.510	0.002	41.532	0.001	41.552	-0.002	41.582	-0.004
36.553	-0.011	36.585	-0.011	36.610	-0.014	36.635	-0.011	41.605	-0.004	41.627	-0.007	41.649	-0.006	41.681	-0.006
36.660	-0.012	36.673	-0.009	36.677	-0.006	36.704	-0.003	41.707	-0.008	41.725	-0.007	41.740	-0.003	41.761	0.001
36.750	-0.003	36.795	-0.006	36.847	-0.003	36.883	-0.003	41.789	0.002	41.815	0.010	41.845	0.008	41.865	0.008
36.925	-0.003	36.959	-0.006	36.988	-0.009	37.013	-0.013	41.880	0.002	41.902	0.015	41.932	0.015	41.952	0.015
37.047	-0.013	37.066	-0.013	37.083	-0.010	37.102	-0.010	41.977	0.018	42.005	0.018	42.027	0.021	42.050	0.021
37.126	-0.010	37.155	-0.013	37.180	-0.013	37.202	-0.016	42.067	0.021	42.087	0.020	42.112	0.020	42.142	0.019
37.233	-0.016	37.261	-0.013	37.293	-0.014	37.328	-0.014	42.166	0.019	42.192	0.022	42.215	0.018	42.237	0.021
37.347	-0.014	37.377	-0.011	37.396	-0.008	37.438	-0.001	42.265	0.021	42.288	0.021	42.314	0.018	42.349	0.021
37.479	-0.001	37.507	-0.001	37.534	0.003	37.556	0.006	42.377	0.021	42.400	0.015	42.426	0.012	42.452	0.009
37.579	0.006	37.596	0.007	37.618	0.007	37.637	0.007	42.477	0.006	42.500	0.003	42.522	0.003	42.547	0.003
37.656	0.002	37.679	0.005	37.701	0.008	37.731	0.009	42.568	0.0	42.602	-0.003	42.625	-0.006	42.646	-0.006
37.758	0.009	37.775	0.009	37.793	0.009	37.812	0.012	42.674	-0.009	42.706	-0.009	42.723	-0.013	42.752	-0.013
37.835	0.012	37.855	0.012	37.872	0.012	37.906	0.012	42.780	-0.013	42.805	-0.009	42.833	-0.003	42.852	-0.003
37.923	0.012	37.944	0.012	37.961	0.015	37.978	0.015	42.875	0.0	42.894	0.003	42.911	0.003	42.934	0.003
37.995	0.018	38.014	0.021	38.033	0.021	38.053	0.015	42.958	0.003	42.985	0.003	43.012	0.006	43.035	0.009
38.082	0.015	38.099	0.011	38.118	0.011	38.131	0.005	43.062	0.009	43.081	0.003	43.111	0.009	43.144	0.006

43.171	C.009	43.205	0.003	43.232	0.0	43.257	-0.003	48.989	0.003	49.032	0.003	49.062	0.0	49.097	0.0
43.283	-C.003	43.304	-0.006	43.325	-0.009	43.346	-0.009	49.123	-0.003	49.155	-0.006	49.193	-0.003	49.222	-0.006
43.369	-C.006	43.390	-0.006	43.423	-0.006	43.451	-0.003	49.260	-0.003	49.282	-0.003	49.312	-0.009	49.344	-0.012
43.474	-C.003	43.508	-0.003	43.531	-0.003	43.561	-0.003	49.378	-0.012	49.396	-0.012	49.421	-0.018	49.449	-0.021
43.587	-C.003	43.625	-0.003	43.657	0.0	43.678	0.0	49.475	-0.021	49.501	-0.018	49.522	-0.015	49.546	-0.011
43.708	0.0	43.734	0.003	43.757	0.006	43.791	0.009	49.576	-0.011	49.610	-0.017	49.629	-0.010	49.657	-0.010
43.815	0.006	43.849	0.006	43.877	0.009	43.906	0.009	49.694	-0.010	49.723	-0.009	49.749	-0.012	49.783	-0.009
43.936	C.009	43.960	0.012	43.988	0.012	44.015	0.015	49.801	-0.005	49.835	-0.005	49.865	-0.005	49.910	-0.001
44.043	C.012	44.079	0.015	44.109	0.018	44.146	0.021	49.942	-0.004	49.974	-0.001	49.996	-0.001	50.029	0.002
44.182	C.021	44.219	0.021	44.257	0.021	44.279	0.021	50.059	-0.001	50.090	0.0	50.118	0.0	50.148	0.003
44.311	0.022	44.345	0.015	44.377	0.012	44.407	0.009	50.179	0.003	50.209	0.0	50.240	0.0	50.283	0.0
44.433	C.003	44.461	0.003	44.489	0.003	44.521	0.004	50.318	-0.003	50.349	-0.006	50.386	-0.006	50.416	0.0
44.549	0.004	44.579	0.007	44.615	0.007	44.647	0.004	50.447	0.003	50.484	0.0	50.511	-0.006	50.541	-0.006
44.684	C.004	44.718	0.004	44.750	0.004	44.782	0.008	50.570	-0.006	50.599	-0.006	50.630	-0.006	50.663	-0.006
44.821	C.008	44.859	0.008	44.891	0.011	44.919	0.014	50.696	-0.006	50.725	-0.006	50.760	-0.006	50.792	-0.003
45.052	C.021	45.137	0.021	45.173	0.021	45.204	0.021	50.820	0.0	50.845	0.0	50.878	0.0	50.915	-0.006
45.233	C.018	45.266	0.015	45.298	0.012	45.320	0.006	50.955	-0.006	50.975	-0.009	51.002	-0.013	51.035	-0.013
45.350	0.003	45.388	0.0	45.410	0.003	45.434	-0.003	51.062	-0.013	51.094	-0.009	51.125	-0.013	51.151	-0.009
45.460	-C.003	45.483	-0.003	45.499	-0.003	45.518	-0.003	51.178	-0.009	51.205	-0.006	51.225	-0.006	51.245	0.0
45.560	-C.003	45.563	-0.003	45.585	-0.006	45.606	-0.006	51.276	-0.006	51.298	-0.006	51.319	0.0	51.336	0.003
45.622	-C.009	45.647	-0.009	45.669	-0.009	45.689	-0.006	51.363	0.006	51.394	0.012	51.430	0.015	51.474	0.012
45.710	-C.009	45.727	-0.009	45.749	-0.006	45.771	-0.006	51.510	0.012	51.543	0.015	51.585	0.012	51.618	0.012
45.752	-C.009	45.812	-0.009	45.835	-0.006	45.857	-0.006	51.510	0.012	51.543	0.015	51.585	0.012	51.618	0.012
45.877	-C.006	45.904	-0.003	45.928	-0.004	45.948	0.0	51.546	0.012	51.584	0.015	51.618	0.012	51.641	0.012
45.972	C.003	45.993	0.006	46.015	0.006	46.045	0.009	51.777	0.012	51.803	0.015	51.832	0.018	51.854	0.015
46.067	0.009	46.095	0.012	46.113	0.012	46.141	0.018	51.882	0.012	51.909	0.012	51.932	0.012	51.964	0.018
46.161	0.018	46.183	0.017	46.202	0.024	46.222	0.023	51.991	0.015	52.026	0.006	52.052	0.009	52.079	0.009
46.245	0.023	46.261	0.020	46.282	0.017	46.300	0.014	52.108	0.009	52.140	0.003	52.169	0.0	52.196	0.006
46.320	0.014	46.335	0.014	46.350	0.014	46.370	0.017	52.233	0.003	52.262	0.003	52.293	0.007	52.321	0.007
46.383	C.010	46.400	0.010	46.417	0.010	46.443	0.013	52.356	0.011	52.390	0.011	52.429	0.018	52.458	0.017
46.461	C.013	46.474	0.010	46.500	0.007	46.514	0.010	52.500	0.022	52.541	0.014	52.581	0.015	52.612	0.013
46.528	C.007	46.547	0.004	46.568	0.004	46.586	-0.003	52.652	0.010	52.686	0.008	52.717	0.006	52.750	0.003
46.603	-C.003	46.629	-0.003	46.648	-0.006	46.668	-0.006	52.784	0.004	52.815	0.002	52.851	0.003	52.886	0.004
46.685	-C.009	46.713	-0.012	46.726	-0.009	46.743	-0.003	52.926	0.008	52.953	0.009	52.988	0.007	53.004	0.004
46.765	0.0	46.788	0.0	46.816	-0.003	46.861	-0.003	53.156	0.004	53.198	0.003	53.233	0.003	53.260	0.002
46.889	C.0	46.907	0.003	46.924	0.003	46.950	0.003	53.235	0.002	53.330	0.002	53.368	0.003	53.403	0.0
46.976	C.003	47.006	0.003	47.034	0.003	47.051	0.006	53.436	0.006	53.471	0.003	53.502	0.004	53.535	0.001
47.073	C.003	47.100	-0.003	47.116	-0.003	47.137	-0.003	53.572	-0.007	53.611	-0.003	53.658	-0.005	53.680	-0.011
47.152	-C.006	47.171	-0.006	47.202	-0.009	47.223	-0.009	53.717	-0.007	53.754	-0.009	53.793	-0.011	53.839	-0.011
47.247	-C.013	47.275	-0.006	47.300	-0.006	47.320	-0.003	53.862	-0.010	53.899	-0.013	53.921	-0.013	53.958	-0.013
47.344	0.0	47.367	0.003	47.393	0.003	47.421	0.003	53.998	-0.013	54.030	-0.009	54.059	-0.006	54.094	-0.006
47.442	0.003	47.471	0.002	47.507	-0.001	47.536	-0.001	54.131	-0.003	54.162	0.0	54.195	0.0	54.228	0.0
47.562	-C.001	47.594	-0.004	47.618	-0.004	47.653	-0.001	54.246	0.003	54.276	0.006	54.298	0.006	54.323	0.006
47.681	-C.002	47.708	-0.005	47.727	-0.005	47.755	-0.005	54.353	0.012	54.379	0.009	54.419	0.010	54.450	0.010
47.784	-C.005	47.808	-0.005	47.833	-0.006	47.864	0.0	54.481	0.013	54.515	0.016	54.546	0.020	54.570	0.023
47.888	-C.003	47.912	0.0	47.940	0.0	47.960	0.0	54.610	0.027	54.651	0.027	54.675	0.027	54.708	0.024
47.988	0.0	48.016	0.001	48.044	0.001	48.074	0.004	54.739	0.027	54.794	0.024	54.835	0.028	54.877	0.028
48.103	C.007	48.126	0.007	48.155	0.007	48.187	0.007	54.921	0.025	54.956	0.022	54.995	0.020	55.024	0.020
48.211	C.008	48.239	0.008	48.263	0.005	48.287	0.005	55.062	0.014	55.102	0.017	55.155	0.017	55.210	0.020
48.313	C.008	48.338	0.012	48.366	0.009	48.393	0.012	55.243	0.020	55.274	0.023	55.307	0.020	55.336	0.019
48.427	0.012	48.453	0.009	48.479	0.016	48.509	0.010	55.358	0.013	55.395	0.012	55.427	0.015	55.460	0.011
48.531	C.019	48.550	0.016	48.581	0.016	48.602	0.016	55.491	0.008	55.519	0.008	55.562	0.004	55.592	0.007
48.626	0.013	48.652	0.010	48.680	0.011	48.704	0.011	55.624	0.010	55.654	0.013	55.694	0.012	55.739	0.012
48.723	C.011	48.743	0.008	48.773	0.011	48.814	0.011	55.788	0.009	55.827	0.006	55.856	0.009	55.885	0.013
48.857	0.008	48.878	0.009	48.918	0.006	48.948	0.006	55.916	0.010	55.953	0.013	55.965	0.010	55.996	0.013
								56.033	0.010	56.058	0.010	56.091	0.008	56.122	0.008

56.147	C.005	56.186	0.005	56.213	0.002	56.257	0.0
56.286	-C.003	56.330	-0.003	56.397	-0.002	56.491	-0.001
56.569	-C.001	56.675	-0.001	56.739	-0.002	56.775	-0.002
56.852	C.001	56.926	-0.003	57.009	0.003	57.071	0.004
57.109	C.004	57.150	0.005	57.198	0.006	57.245	0.009
57.297	C.010	57.352	0.006	57.393	0.008	57.445	0.011
57.491	C.009	57.550	0.009	57.598	0.009	57.637	0.012
57.687	0.012	57.716	0.009	57.755	0.006	57.789	0.006
57.828	C.003	57.871	-0.003	57.926	-0.003	57.976	-0.006
58.020	-C.009	58.056	-0.009	58.099	-0.006	58.136	-0.006
58.177	-C.003	58.217	-0.003	58.265	-0.003	58.308	0.001
58.347	C.004	58.413	0.004	58.463	0.007	58.513	0.008
58.549	C.008	58.585	0.011	58.623	0.011	58.730	0.011
58.878	C.015	59.089	0.015	59.251	0.018	59.453	0.018
59.607	C.018	59.808	0.015	59.968	0.013	59.981	0.010
60.101	0.004	60.180	0.002	60.281	-0.004	60.374	-0.004
60.460	C.0	60.613	0.0	60.762	0.003	60.902	0.003
61.019	-C.004	61.136	-0.001	61.212	0.001	61.308	0.007
61.374	C.013	61.441	0.019	61.543	0.019	61.597	0.022
61.743	C.022	61.857	0.016	61.957	0.014	62.045	0.011
62.135	0.008	62.210	0.008	62.295	0.011	62.406	0.008
62.457	C.009	62.616	-0.003	62.690	-0.006	62.761	-0.009
62.833	-0.015	62.893	-0.012				

1838

68.71 4/8/68 1830PST L.A. HOLLYWOOD STORAGE - P.E. LOT SOUTH

1935 POINTS 50.503 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0247 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.000	0.029	0.003	0.046	-0.012	0.065	-0.014	2.843	-0.005	2.862	-0.003	2.882	-0.000	2.901	0.002	2.921	0.001
0.084	-0.014	0.105	-0.014	0.124	-0.007	0.141	0.003	2.918	0.002	2.937	0.002	2.952	-0.001	2.971	-0.001	2.991	-0.001
0.155	0.008	0.170	0.013	0.184	0.015	0.198	0.018	3.006	-0.003	3.006	-0.003	3.021	-0.006	3.039	-0.006	3.059	-0.006
0.209	0.020	0.222	0.023	0.238	0.023	0.258	0.028	3.059	-0.009	3.076	-0.006	3.096	0.003	3.115	0.008	3.135	0.008
0.285	0.028	0.304	0.025	0.322	0.021	0.330	0.016	3.137	0.013	3.159	0.013	3.183	0.015	3.198	0.015	3.218	0.015
0.342	0.008	0.349	0.003	0.363	0.003	0.376	0.001	3.216	0.013	3.237	0.005	3.252	-0.002	3.270	-0.007	3.290	-0.007
0.395	0.003	0.411	0.003	0.418	0.001	0.430	0.001	3.291	-0.010	3.306	-0.012	3.323	0.010	3.340	-0.015	3.360	-0.015
0.436	0.003	0.445	0.001	0.460	0.001	0.480	0.003	3.379	-0.015	3.397	-0.018	3.413	-0.020	3.434	-0.023	3.454	-0.023
0.496	0.001	0.515	0.001	0.526	-0.004	0.539	-0.002	3.452	-0.013	3.471	-0.009	3.495	-0.006	3.518	-0.001	3.541	-0.001
0.556	-0.007	0.571	-0.014	0.582	-0.017	0.594	-0.019	3.539	0.001	3.567	-0.002	3.586	-0.002	3.605	-0.002	3.625	-0.002
0.607	-0.019	0.626	-0.022	0.640	-0.019	0.655	-0.017	3.622	-0.002	3.641	-0.002	3.661	-0.004	3.678	-0.004	3.698	-0.004
0.670	-0.017	0.688	-0.017	0.707	-0.017	0.725	-0.017	3.716	-0.003	3.736	-0.002	3.756	-0.002	3.775	-0.001	3.795	-0.001
0.739	-0.015	0.755	-0.013	0.769	-0.008	0.782	-0.003	3.781	0.001	3.801	0.003	3.817	0.003	3.840	0.001	3.860	0.001
0.811	-0.001	0.825	0.004	0.852	0.007	0.878	0.007	3.854	0.001	3.877	0.001	3.896	0.005	3.919	0.005	3.942	0.005
0.902	0.012	0.922	0.009	0.940	0.009	0.958	0.009	3.932	0.010	3.947	0.010	3.966	0.008	4.002	0.010	4.038	0.010
0.972	0.014	0.991	0.016	1.004	0.019	1.023	0.014	3.994	0.010	4.008	0.010	4.020	0.008	4.036	0.008	4.052	0.008
1.036	0.004	1.050	-0.006	1.076	-0.008	1.095	-0.008	4.053	0.005	4.072	0.003	4.092	0.003	4.120	0.001	4.148	0.001
1.117	-0.006	1.138	-0.003	1.162	-0.003	1.184	-0.003	4.132	-0.002	4.162	-0.007	4.193	-0.014	4.221	0.001	4.250	0.001
1.205	-0.008	1.221	-0.011	1.238	-0.016	1.266	-0.008	4.242	-0.004	4.259	-0.012	4.273	-0.014	4.299	-0.010	4.328	-0.010
1.284	-0.011	1.303	-0.011	1.322	-0.011	1.336	-0.011	4.330	-0.007	4.350	-0.008	4.371	-0.005	4.398	-0.006	4.427	-0.006
1.365	-0.009	1.385	-0.009	1.379	-0.009	1.398	-0.009	4.433	-0.006	4.470	-0.006	4.495	-0.006	4.521	-0.004	4.548	-0.004
1.416	-0.009	1.435	-0.010	1.451	-0.010	1.468	-0.010	4.544	-0.001	4.571	0.001	4.593	0.001	4.628	0.002	4.657	0.002
1.484	-0.008	1.500	0.002	1.520	0.009	1.539	0.009	4.651	0.002	4.682	0.004	4.710	0.002	4.729	0.002	4.759	0.002
1.557	0.014	1.571	0.014	1.593	0.016	1.609	0.016	4.771	-0.001	4.802	-0.003	4.832	-0.003	4.863	-0.001	4.894	-0.001
1.626	0.015	1.642	0.015	1.660	0.018	1.676	0.018	4.832	-0.021	4.849	-0.023	4.871	-0.021	4.894	-0.016	4.917	-0.016
1.691	0.012	1.707	0.007	1.725	0.002	1.740	0.010	4.919	-0.012	4.941	-0.002	4.969	0.003	4.994	0.005	5.020	0.005
1.756	0.012	1.772	0.016	1.787	0.019	1.805	0.016	5.016	0.007	5.034	0.012	5.048	0.012	5.065	0.012	5.082	0.012
1.836	0.001	1.853	-0.013	1.867	-0.014	1.867	-0.014	5.084	0.012	5.103	0.012	5.117	0.007	5.131	-0.000	5.148	-0.000
1.924	-0.017	1.941	-0.014	1.941	-0.014	1.965	-0.015	5.150	-0.000	5.168	-0.001	5.192	0.002	5.219	0.002	5.247	0.002
2.015	-0.013	2.034	-0.010	2.034	-0.010	2.049	-0.008	5.242	0.002	5.265	-0.001	5.285	-0.005	5.299	-0.008	5.329	-0.008
2.063	-0.008	2.090	-0.008	2.103	-0.004	2.120	-0.001	5.312	-0.010	5.326	-0.008	5.346	-0.010	5.366	-0.008	5.386	-0.008
2.137	-0.004	2.153	-0.002	2.167	-0.007	2.184	-0.009	5.377	-0.008	5.393	-0.005	5.409	-0.003	5.426	-0.003	5.446	-0.003
2.200	-0.009	2.217	-0.012	2.244	-0.012	2.266	-0.008	5.441	-0.005	5.460	-0.005	5.479	-0.006	5.499	-0.006	5.519	-0.006
2.280	-0.008	2.300	-0.008	2.319	-0.008	2.336	-0.008	5.515	-0.008	5.532	-0.008	5.543	-0.013	5.555	-0.016	5.567	-0.016
2.354	-0.008	2.374	-0.011	2.391	-0.013	2.423	-0.008	5.572	-0.018	5.588	-0.018	5.605	-0.016	5.627	-0.009	5.647	-0.009
2.443	0.001	2.462	0.008	2.479	0.008	2.503	0.008	5.643	-0.004	5.661	-0.004	5.680	-0.006	5.700	-0.009	5.720	-0.009
2.523	0.011	2.537	0.006	2.557	0.006	2.568	0.003	5.711	-0.011	5.728	-0.014	5.745	-0.014	5.766	-0.009	5.786	-0.009
2.594	0.008	2.614	0.013	2.636	0.010	2.659	0.005	5.780	-0.007	5.797	-0.007	5.815	-0.004	5.829	-0.004	5.849	-0.004
2.683	-0.002	2.711	-0.002	2.730	-0.005	2.750	-0.010	5.845	-0.004	5.864	-0.007	5.878	-0.007	5.895	-0.007	5.915	-0.007
2.768	-0.019	2.786	-0.017	2.805	-0.019	2.824	-0.012	5.907	-0.009	5.921	-0.012	5.938	-0.012	5.955	-0.009	5.972	-0.009

5.977	-0.009	5.999	-0.004	6.018	-0.002	6.035	-0.002	11.348	-0.024	11.388	-0.024	11.424	-0.019	11.449	-0.014
6.058	0.001	6.077	0.003	6.102	0.001	6.122	-0.002	11.475	-0.009	11.503	-0.004	11.534	0.001	11.558	0.003
6.141	-0.004	6.164	-0.004	6.186	-0.004	6.203	-0.002	11.586	0.013	11.620	0.015	11.654	0.008	11.681	0.008
6.223	-0.003	6.233	0.003	6.256	0.008	6.281	0.005	11.718	0.011	11.752	0.011	11.779	0.004	11.802	0.001
6.304	-0.002	6.318	-0.012	6.338	-0.014	6.362	-0.009	11.830	-0.001	11.861	-0.004	11.892	0.001	11.929	0.004
6.385	-0.012	6.402	-0.004	6.418	-0.002	6.430	0.005	11.961	0.006	12.002	-0.008	12.037	-0.003	12.066	-0.003
6.451	0.005	6.463	0.005	6.477	0.003	6.493	0.003	12.090	-0.008	12.120	-0.008	12.150	-0.005	12.188	-0.001
6.513	0.003	6.530	0.000	6.544	-0.002	6.558	-0.000	12.213	0.002	12.257	0.002	12.286	0.002	12.317	0.002
6.575	0.005	6.589	0.005	6.602	0.002	6.616	0.002	12.357	-0.002	12.378	-0.008	12.404	-0.013	12.447	-0.012
6.631	0.005	6.645	0.007	6.662	0.009	6.676	0.014	12.479	-0.012	12.510	-0.012	12.541	-0.017	12.571	-0.005
6.692	0.016	6.708	0.011	6.726	0.004	6.745	-0.003	12.603	-0.002	12.629	-0.002	12.649	-0.004	12.672	-0.007
6.763	-0.008	6.781	-0.008	6.800	-0.011	6.818	-0.011	12.692	-0.004	12.718	-0.013	12.743	-0.016	12.780	-0.021
6.840	-0.011	6.855	-0.011	6.875	-0.011	6.895	-0.011	12.828	-0.018	12.854	-0.013	12.888	0.002	12.932	0.007
6.919	-0.006	6.940	0.001	6.954	0.011	6.968	0.015	12.983	0.009	13.032	0.010	13.074	0.017	13.111	0.017
6.985	0.018	7.000	0.018	7.020	0.013	7.039	0.008	13.146	0.015	13.173	0.008	13.211	0.001	13.246	-0.001
7.057	0.006	7.077	0.005	7.092	0.008	7.108	0.003	13.301	0.007	13.336	0.002	13.375	0.000	13.405	-0.005
7.120	-0.002	7.136	-0.014	7.157	-0.021	7.193	-0.022	13.445	-0.004	13.482	-0.006	13.520	-0.008	13.558	-0.008
7.225	-0.017	7.255	-0.014	7.284	-0.014	7.323	-0.007	13.590	-0.010	13.627	-0.009	13.673	-0.004	13.713	0.004
7.350	-0.007	7.372	-0.005	7.392	-0.017	7.412	-0.020	13.749	0.007	13.783	0.012	13.812	0.014	13.850	0.015
7.442	-0.017	7.467	-0.013	7.492	-0.008	7.521	-0.003	13.883	0.013	13.914	0.014	13.949	0.014	13.981	0.013
7.549	-0.001	7.571	-0.003	7.605	0.002	7.633	-0.003	14.008	0.008	14.029	0.001	14.066	-0.005	14.102	-0.017
7.658	-0.003	7.680	-0.005	7.708	-0.003	7.735	-0.005	14.140	-0.011	14.177	-0.006	14.210	-0.001	14.238	-0.000
7.764	-0.005	7.786	-0.007	7.811	-0.007	7.838	-0.012	14.262	0.003	14.285	0.006	14.317	0.011	14.346	0.009
7.858	-0.012	7.883	-0.012	7.899	-0.017	7.922	-0.014	14.373	0.006	14.402	0.009	14.432	0.016	14.464	0.021
7.943	-0.017	7.965	-0.014	7.985	-0.007	8.007	0.005	14.492	0.024	14.525	0.019	14.552	0.007	14.577	-0.000
8.035	0.010	8.052	0.013	8.077	0.008	8.098	0.003	14.604	-0.000	14.638	0.005	14.668	0.009	14.695	0.021
8.117	-0.002	8.137	-0.007	8.165	-0.002	8.184	0.001	14.726	0.019	14.762	0.021	14.790	0.016	14.834	0.016
8.216	0.003	8.249	0.003	8.270	0.005	8.292	0.005	14.860	0.011	14.882	0.001	14.906	-0.011	14.948	-0.016
8.313	0.003	8.338	-0.004	8.362	-0.014	8.388	-0.016	14.983	-0.009	15.018	0.001	15.052	-0.001	15.081	0.001
8.418	-0.014	8.454	-0.014	8.487	-0.006	8.514	-0.004	15.113	-0.004	15.147	-0.009	15.182	-0.004	15.215	0.001
8.536	0.004	8.565	0.006	8.588	0.004	8.610	-0.001	15.242	0.006	15.269	0.013	15.298	0.016	15.324	0.013
8.645	-0.003	8.666	-0.006	8.691	-0.006	8.714	-0.003	15.354	0.006	15.377	0.003	15.403	0.008	15.434	0.013
8.734	0.002	8.754	0.005	8.779	0.002	8.805	0.002	15.463	0.013	15.505	0.012	15.526	0.005	15.555	0.003
8.831	-0.002	8.856	-0.002	8.879	-0.007	8.900	-0.010	15.584	0.007	15.607	0.019	15.632	0.021	15.664	0.019
8.930	-0.017	8.954	-0.012	8.982	-0.004	9.007	-0.009	15.693	0.014	15.719	0.014	15.747	0.013	15.779	0.013
9.041	-0.007	9.064	-0.004	9.085	-0.002	9.110	0.001	15.817	0.015	15.849	0.015	15.886	0.022	15.913	0.024
9.127	0.006	9.158	0.006	9.188	0.003	9.213	0.001	15.947	0.024	15.985	0.021	16.008	0.018	16.033	0.018
9.241	0.001	9.273	-0.001	9.301	-0.001	9.327	-0.001	16.076	0.018	16.096	0.003	16.120	0.005	16.135	0.000
9.348	-0.001	9.381	0.001	9.408	0.006	9.424	0.006	16.161	-0.003	16.193	-0.003	16.220	-0.003	16.248	-0.003
9.448	0.004	9.470	0.002	9.496	-0.003	9.531	-0.003	16.281	-0.001	16.318	-0.004	16.336	-0.011	16.355	-0.018
9.553	-0.008	9.580	-0.006	9.603	-0.008	9.628	-0.008	16.387	-0.021	16.418	-0.026	16.445	-0.021	16.475	-0.024
9.643	-0.006	9.665	-0.003	9.688	-0.003	9.717	0.001	16.504	-0.019	16.536	-0.012	16.566	-0.007	16.595	-0.005
9.740	0.011	9.755	0.016	9.780	0.020	9.803	0.018	16.629	0.002	16.656	0.012	16.679	0.012	16.703	0.011
9.824	0.013	9.847	0.005	9.868	0.000	9.899	0.000	16.726	0.004	16.752	-0.001	16.805	0.001	16.836	0.006
9.919	0.002	9.945	0.002	9.960	0.007	9.978	0.009	16.879	0.013	16.902	0.010	16.934	0.010	16.964	0.008
10.006	0.004	10.027	-0.006	10.046	-0.014	10.075	-0.016	16.992	0.000	17.019	-0.002	17.050	0.002	17.085	0.002
10.104	-0.017	10.131	-0.014	10.157	-0.017	10.183	-0.017	17.117	-0.000	17.145	-0.000	17.174	-0.001	17.204	-0.001
10.211	-0.017	10.229	-0.018	10.254	-0.015	10.277	-0.013	17.238	-0.004	17.271	0.014	17.304	0.009	17.330	0.008
10.303	-0.006	10.324	-0.001	10.347	0.006	10.375	0.011	17.362	0.006	17.385	0.001	17.408	-0.001	17.441	0.006
10.403	0.013	10.427	0.011	10.453	0.008	10.475	0.008	17.475	0.011	17.514	0.013	17.549	0.010	17.586	0.006
10.511	0.006	10.547	0.001	10.585	-0.002	10.624	-0.004	17.613	-0.002	17.649	0.003	17.689	0.003	17.728	0.010
10.668	-0.002	10.696	0.001	10.736	-0.004	10.765	-0.009	17.772	0.013	17.810	0.010	17.836	0.008	17.869	0.005
10.814	-0.002	10.845	0.003	10.877	0.013	10.923	0.015	17.899	-0.004	17.932	-0.012	17.963	-0.014	17.994	-0.014
10.951	0.015	10.984	0.008	11.018	0.003	11.060	-0.004	18.023	-0.017	18.070	-0.010	18.103	-0.010	18.146	-0.006
11.084	-0.004	11.115	-0.007	11.153	-0.009	11.187	-0.009	18.179	-0.003	18.215	0.001	18.250	0.006	18.287	0.008
11.218	-0.014	11.252	-0.012	11.281	-0.014	11.302	-0.021	18.325	0.015	18.357	0.017	18.390	0.022	18.425	0.019

18.468	0.017	18.489	0.012	18.518	0.004	18.548	-0.008	24.758	-0.060	24.781	-0.055	24.808	-0.047	24.843	-0.037
18.579	-0.010	18.605	-0.008	18.635	-0.008	18.667	-0.003	24.870	-0.042	24.884	-0.052	24.904	-0.066	24.919	-0.066
18.710	-0.005	18.739	-0.001	18.792	-0.001	18.833	0.002	24.940	-0.059	24.961	-0.044	24.980	-0.034	24.994	-0.029
18.877	-0.001	18.908	-0.001	18.951	0.001	18.983	0.004	25.023	-0.024	25.047	-0.021	25.068	-0.021	25.087	-0.021
19.010	0.006	19.036	0.004	19.068	0.004	19.098	0.004	25.113	-0.018	25.141	-0.013	25.157	-0.011	25.179	-0.001
19.125	0.001	19.150	-0.001	19.174	-0.001	19.210	0.002	25.241	0.009	25.267	0.019	25.281	0.024	25.299	0.034
19.235	0.002	19.259	-0.001	19.285	-0.008	19.323	-0.010	25.281	0.044	25.300	0.051	25.320	0.052	25.348	0.042
19.364	-0.007	19.400	-0.007	19.448	-0.007	19.480	-0.001	25.362	0.025	25.390	0.015	25.411	0.008	25.435	0.011
19.502	-0.001	19.533	0.004	19.565	0.014	19.614	0.017	25.452	0.011	25.475	-0.002	25.495	0.013	25.522	0.028
19.649	0.022	19.696	0.019	19.729	0.020	19.780	0.020	25.547	0.033	25.564	0.025	25.590	0.011	25.607	0.003
19.816	0.020	19.858	0.018	19.882	0.017	19.911	0.008	25.633	0.001	25.663	0.003	25.678	0.003	25.706	0.003
19.943	-0.007	19.979	-0.014	20.024	-0.014	20.055	-0.015	25.720	0.010	25.741	0.027	25.755	0.004	25.769	0.059
20.096	-0.017	20.138	-0.015	20.170	-0.012	20.199	-0.003	25.779	0.066	25.795	0.085	25.812	0.097	25.828	0.100
20.232	0.004	20.261	0.009	20.296	0.014	20.331	0.012	25.851	0.100	25.868	0.097	25.882	0.100	25.907	0.109
20.373	0.007	20.409	0.009	20.434	-0.000	20.469	-0.008	25.924	0.107	25.943	0.092	25.971	0.078	25.992	0.070
20.510	-0.007	20.551	-0.007	20.589	-0.007	20.626	-0.002	26.017	0.068	26.036	0.053	26.051	0.041	26.069	0.029
20.677	0.008	20.717	0.010	20.756	0.011	20.782	0.013	26.093	0.010	26.124	0.005	26.142	0.003	26.163	0.008
20.808	0.018	20.846	0.016	20.878	0.021	20.909	0.028	26.188	0.020	26.205	0.027	26.229	0.035	26.249	0.032
20.934	0.021	20.958	0.014	20.981	0.009	21.007	0.007	26.269	0.023	26.293	0.004	26.315	-0.011	26.335	-0.035
21.029	0.005	21.070	0.007	21.107	0.017	21.135	0.017	26.363	-0.055	26.383	-0.059	26.407	-0.057	26.430	-0.054
21.178	0.012	21.209	0.005	21.250	0.005	21.279	0.003	26.455	-0.045	26.474	-0.035	26.499	-0.028	26.516	-0.035
21.308	0.015	21.347	0.025	21.381	0.027	21.414	0.028	26.541	-0.044	26.569	-0.037	26.586	-0.027	26.614	-0.013
21.454	0.030	21.488	0.023	21.523	0.021	21.553	0.018	26.642	-0.001	26.675	0.002	26.700	0.007	26.724	0.009
21.580	0.016	21.622	0.009	21.665	0.004	21.697	-0.003	26.742	0.009	26.761	0.007	26.784	-0.003	26.815	-0.013
21.735	-0.003	21.777	-0.008	21.816	-0.008	21.855	-0.010	26.829	-0.018	26.848	-0.027	26.878	-0.032	26.906	-0.024
21.879	-0.008	21.905	-0.003	21.941	0.001	21.971	0.006	26.935	-0.007	26.968	0.001	26.997	0.000	27.021	0.000
21.996	0.016	22.020	0.018	22.051	0.018	22.074	0.013	27.041	0.003	27.064	0.001	27.084	0.001	27.109	0.001
22.096	0.006	22.126	0.006	22.157	0.006	22.188	0.011	27.133	-0.008	27.162	-0.020	27.185	-0.025	27.213	-0.027
22.241	0.020	22.277	0.020	22.285	0.015	22.316	0.013	27.229	-0.020	27.254	-0.005	27.273	-0.005	27.293	-0.010
22.345	0.018	22.377	0.011	22.408	-0.009	22.434	-0.021	27.321	0.003	27.340	-0.007	27.354	-0.026	27.375	-0.033
22.464	-0.025	22.496	-0.033	22.518	-0.042	22.549	-0.049	27.399	-0.035	27.433	-0.035	27.450	-0.040	27.475	-0.045
22.586	-0.046	22.623	-0.048	22.657	-0.051	22.689	-0.050	27.497	-0.040	27.514	-0.032	27.536	-0.017	27.575	-0.003
22.721	-0.045	22.749	-0.035	22.779	-0.015	22.816	0.002	27.590	-0.002	27.611	-0.002	27.637	-0.005	27.664	-0.005
22.844	0.010	22.876	0.010	22.911	0.001	22.935	-0.011	27.698	-0.002	27.732	0.010	27.757	0.027	27.776	0.041
22.957	-0.021	22.979	-0.033	23.005	-0.037	23.030	-0.042	27.796	0.058	27.814	0.063	27.836	0.061	27.856	0.046
23.056	-0.044	23.085	-0.034	23.117	-0.010	23.161	0.012	27.875	0.024	27.892	-0.007	27.919	-0.015	27.940	-0.017
23.198	0.019	23.235	0.022	23.262	0.007	23.290	0.000	27.965	-0.017	27.987	-0.020	28.010	-0.027	28.032	-0.037
23.320	0.002	23.340	0.017	23.354	0.027	23.371	0.034	28.049	-0.042	28.080	-0.044	28.097	-0.037	28.124	-0.034
23.389	0.032	23.410	0.024	23.436	0.024	23.452	0.024	28.138	-0.000	28.155	0.014	28.173	0.027	28.192	0.034
23.468	0.019	23.488	0.000	23.507	-0.010	23.525	-0.010	28.222	0.039	28.239	0.042	28.262	0.040	28.285	0.042
23.546	-0.012	23.559	-0.010	23.574	-0.007	23.594	-0.007	28.306	0.050	28.334	0.055	28.360	0.040	28.377	0.028
23.609	-0.009	23.623	-0.019	23.638	-0.026	23.658	-0.024	28.390	0.023	28.410	0.019	28.425	0.024	28.428	0.026
23.684	-0.014	23.699	-0.006	23.715	-0.004	23.730	0.004	28.449	0.029	28.472	0.038	28.491	0.043	28.509	0.036
23.745	0.009	23.761	0.014	23.775	0.014	23.792	0.014	28.528	0.033	28.542	0.026	28.561	0.021	28.584	0.026
23.807	0.011	23.830	0.019	23.849	0.031	23.861	0.041	28.603	0.029	28.623	0.031	28.640	0.026	28.665	0.021
23.883	0.056	23.898	0.068	23.912	0.080	23.929	0.092	28.680	0.009	28.698	-0.001	28.715	-0.008	28.735	-0.013
23.940	0.102	23.954	0.114	23.966	0.117	23.980	0.112	28.753	-0.015	28.772	-0.025	28.787	-0.035	28.803	-0.044
23.991	0.100	24.007	0.093	24.028	0.081	24.051	0.074	28.819	-0.042	28.831	-0.037	28.844	-0.037	28.861	-0.044
24.067	0.061	24.096	0.049	24.121	0.042	24.146	0.037	28.874	-0.049	28.887	-0.056	28.906	-0.064	28.923	-0.064
24.166	0.035	24.188	0.042	24.212	0.047	24.229	0.037	28.943	-0.059	28.961	-0.054	28.980	-0.049	28.996	-0.039
24.249	0.018	24.277	0.003	24.300	0.015	24.319	0.030	29.013	-0.029	29.027	-0.024	29.049	-0.022	29.068	-0.027
24.333	0.037	24.351	0.042	24.362	0.037	24.376	0.035	29.082	-0.027	29.103	-0.029	29.122	-0.029	29.139	-0.032
24.390	0.035	24.410	0.035	24.436	0.032	24.455	0.030	29.158	-0.029	29.178	-0.031	29.191	-0.034	29.207	-0.034
24.472	0.022	24.492	0.003	24.506	-0.004	24.535	-0.012	29.222	-0.044	29.241	-0.039	29.260	-0.034	29.275	-0.029
24.566	-0.016	24.586	-0.019	24.606	-0.024	24.622	-0.033	29.283	-0.026	29.302	-0.021	29.319	-0.019	29.336	-0.017
24.645	-0.058	24.664	-0.062	24.694	-0.067	24.719	-0.065	29.352	-0.012	29.366	-0.007	29.382	0.001	29.394	0.005

29.402	0.008	29.417	0.006	29.439	-0.004	29.450	-0.011	34.305	0.036	34.331	0.046	34.352	0.041	34.383	0.034
29.460	-0.016	29.475	-0.021	29.491	-0.021	29.505	-0.019	34.405	0.034	34.458	0.046	34.485	0.046	34.499	0.044
29.522	-0.009	29.531	0.001	29.564	0.030	29.593	0.054	34.562	0.024	34.604	0.003	34.637	-0.005	34.670	-0.007
29.602	0.079	29.614	0.089	29.628	0.103	29.639	0.111	34.712	-0.004	34.766	0.003	34.805	0.008	34.842	0.022
29.656	0.113	29.675	0.111	29.687	0.104	29.708	0.111	34.858	0.025	34.887	0.018	34.915	0.008	34.949	-0.002
29.735	0.101	29.749	0.102	29.766	0.106	29.780	0.111	34.966	0.003	34.992	0.008	35.022	0.005	35.053	-0.007
29.789	0.109	29.802	0.102	29.823	0.087	29.840	0.078	35.071	-0.009	35.122	-0.004	35.162	0.001	35.207	0.010
29.859	0.066	29.871	0.056	29.891	0.041	29.903	0.034	35.229	0.015	35.255	0.018	35.290	0.013	35.340	0.020
29.922	0.027	29.943	0.022	29.965	0.015	29.980	0.008	35.383	0.030	35.418	0.039	35.443	0.044	35.482	0.039
29.986	-0.002	30.003	-0.011	30.023	-0.023	30.037	-0.033	35.513	0.037	35.548	0.037	35.570	0.029	35.593	0.020
30.054	-0.040	30.067	-0.045	30.079	-0.040	30.097	-0.040	35.633	-0.005	35.657	-0.017	35.673	-0.022	35.711	-0.024
30.116	-0.038	30.137	-0.033	30.154	-0.028	30.165	-0.020	35.737	-0.029	35.768	-0.037	35.794	-0.047	35.819	-0.052
30.181	-0.015	30.194	-0.011	30.213	-0.006	30.232	0.002	35.854	-0.039	35.888	-0.018	35.918	-0.006	35.946	0.002
30.243	0.004	30.258	0.007	30.268	0.004	30.294	0.005	35.961	0.002	35.986	-0.003	36.023	-0.016	36.073	-0.021
30.316	-0.000	30.338	-0.003	30.352	-0.007	30.367	-0.010	36.095	-0.026	36.125	-0.038	36.162	-0.050	36.196	-0.067
30.388	-0.017	30.405	-0.024	30.420	-0.022	30.444	-0.024	36.218	-0.072	36.242	-0.077	36.265	-0.072	36.297	-0.055
30.456	-0.029	30.476	-0.029	30.498	-0.031	30.514	-0.029	36.339	-0.031	36.369	-0.007	36.409	0.027	36.431	0.037
30.529	-0.029	30.542	-0.029	30.567	-0.031	30.579	-0.033	36.445	0.042	36.469	0.044	36.487	0.044	36.510	0.035
30.596	-0.028	30.610	-0.028	30.620	-0.028	30.638	-0.031	36.535	0.027	36.558	0.022	36.581	0.025	36.612	0.029
30.652	-0.036	30.663	-0.043	30.687	-0.050	30.704	-0.057	36.641	0.039	36.661	0.046	36.678	0.049	36.702	0.044
30.729	-0.065	30.741	-0.072	30.755	-0.067	30.774	-0.060	36.722	0.039	36.785	0.039	36.813	0.034	36.839	0.021
30.798	-0.050	30.824	-0.037	30.843	-0.028	30.866	-0.025	36.862	0.021	36.889	0.021	36.943	0.023	36.968	0.028
30.885	-0.023	30.917	-0.020	30.959	-0.010	30.976	-0.008	36.994	0.035	37.019	0.040	37.064	0.037	37.095	0.032
31.003	-0.003	31.026	0.007	31.039	0.012	31.057	0.022	37.133	0.022	37.161	0.017	37.192	0.020	37.218	0.024
31.068	0.027	31.081	0.027	31.104	0.024	31.126	0.020	37.249	0.017	37.296	0.012	37.319	0.015	37.363	0.034
31.156	0.015	31.179	0.008	31.198	0.000	31.225	0.017	37.412	0.032	37.468	0.029	37.534	0.025	37.565	0.017
31.241	-0.026	31.261	-0.038	31.275	-0.043	31.288	-0.046	37.599	0.013	37.625	-0.002	37.650	-0.017	37.673	-0.029
31.306	-0.043	31.330	-0.040	31.360	-0.038	31.377	-0.033	37.701	-0.036	37.742	-0.031	37.789	-0.011	37.840	0.006
31.396	-0.021	31.430	-0.004	31.443	0.018	31.468	0.038	37.871	0.011	37.895	0.014	37.934	0.009	37.951	0.005
31.484	0.055	31.514	0.055	31.543	0.050	31.561	0.053	37.990	-0.007	38.026	-0.010	38.071	-0.005	38.116	-0.002
31.584	0.053	31.601	0.058	31.619	0.063	31.631	0.063	38.179	-0.001	38.238	-0.004	38.303	-0.011	38.381	-0.010
31.647	0.055	31.659	0.048	31.680	0.036	31.694	0.022	38.414	-0.020	38.440	-0.027	38.468	-0.034	38.501	-0.044
31.717	0.014	31.738	0.007	31.752	0.002	31.775	-0.012	38.521	-0.048	38.543	-0.056	38.561	-0.060	38.593	-0.053
31.794	-0.027	31.819	-0.039	31.839	-0.046	31.859	-0.051	38.613	-0.038	38.636	-0.026	38.659	-0.016	38.673	-0.011
31.881	-0.058	31.909	-0.061	31.933	-0.065	31.947	-0.070	38.691	-0.004	38.711	0.001	38.725	-0.001	38.748	-0.003
31.956	-0.068	31.975	-0.068	31.989	-0.061	32.003	-0.053	38.772	-0.008	38.797	-0.008	38.817	-0.001	38.834	0.002
32.015	-0.048	32.043	-0.046	32.064	-0.039	32.084	-0.029	38.854	0.007	38.866	0.007	38.916	0.007	38.959	0.009
32.103	-0.026	32.132	-0.021	32.159	-0.014	32.182	-0.007	38.937	0.007	39.019	0.002	39.043	-0.005	39.064	-0.012
32.203	0.003	32.220	0.020	32.238	0.027	32.255	0.030	39.088	-0.022	39.117	-0.039	39.131	-0.044	39.151	-0.049
32.271	0.025	32.294	0.015	32.321	0.001	32.339	-0.014	39.182	-0.051	39.215	-0.051	39.253	-0.051	39.278	-0.046
32.318	-0.024	32.375	-0.026	32.400	-0.024	32.418	-0.019	39.306	-0.041	39.335	-0.034	39.366	-0.024	39.393	-0.017
32.445	-0.014	32.470	-0.012	32.510	-0.009	32.543	0.001	39.410	-0.017	39.447	-0.016	39.467	-0.024	39.496	-0.029
32.566	0.013	32.585	0.015	32.616	0.018	32.642	0.015	39.510	-0.026	39.535	-0.024	39.560	-0.019	39.603	0.003
32.670	0.025	32.690	0.035	32.706	0.042	32.729	0.035	39.640	0.015	39.670	0.041	39.679	0.044	39.699	0.056
32.760	0.025	32.782	0.023	32.810	0.020	32.841	0.013	39.732	0.068	39.753	0.078	39.769	0.085	39.792	0.092
32.869	0.008	32.897	0.016	32.924	0.023	32.972	0.030	39.836	0.090	39.861	0.085	39.881	0.073	39.904	0.063
32.998	0.035	33.028	0.038	33.043	0.035	33.067	0.021	39.930	0.046	39.948	0.036	39.966	0.029	39.982	0.021
33.098	-0.006	33.107	-0.011	33.127	-0.006	33.154	0.007	39.999	0.019	40.016	0.016	40.034	0.016	40.047	0.019
33.173	0.004	33.177	-0.001	33.225	-0.037	33.270	-0.068	40.061	0.019	40.104	0.019	40.148	0.018	40.190	0.018
33.312	-0.095	33.324	-0.107	33.336	-0.109	33.357	-0.105	40.218	0.016	40.241	0.006	40.263	-0.004	40.285	-0.014
33.387	-0.087	33.418	-0.063	33.444	-0.053	33.478	-0.041	40.302	-0.021	40.324	-0.024	40.355	-0.024	40.393	-0.019
33.497	-0.029	33.526	-0.007	33.554	0.001	33.633	0.011	40.422	-0.015	40.455	-0.012	40.493	-0.012	40.528	-0.015
33.682	0.014	33.704	0.018	33.746	0.033	33.772	0.038	40.552	-0.022	40.572	-0.032	40.596	-0.040	40.621	-0.049
33.803	0.031	33.841	0.019	33.869	0.017	33.925	0.017	40.644	-0.052	40.683	-0.047	40.713	-0.040	40.736	-0.030
33.949	0.010	33.995	0.013	34.030	0.017	34.063	0.010	40.772	-0.030	40.805	-0.026	40.841	-0.026	40.877	-0.023
34.119	0.001	34.144	0.004	34.212	0.005	34.258	0.024	40.901	-0.018	40.934	-0.016	40.959	-0.014	40.990	-0.016

41.017	-0.024	41.048	-0.038	41.078	-0.045	41.096	-0.048	48.413	0.007	48.447	-0.000	48.489	-0.002	48.553	0.001
41.126	-0.045	41.167	-0.028	41.204	-0.011	41.251	0.011	48.594	0.006	48.641	0.011	48.664	0.011	48.695	0.004
41.279	0.016	41.301	0.019	41.327	0.024	41.361	0.019	48.730	0.002	48.773	0.003	48.810	0.008	48.833	0.015
41.394	0.017	41.414	0.010	41.441	-0.000	41.475	-0.012	48.862	0.018	48.898	0.021	48.925	0.021	48.950	0.014
41.503	-0.017	41.553	-0.018	41.599	-0.020	41.624	-0.025	48.990	-0.000	49.048	-0.002	49.141	-0.006	49.221	-0.003
41.648	-0.025	41.669	-0.022	41.712	-0.014	41.740	-0.012	49.276	0.002	49.330	-0.002	49.367	-0.011	49.401	-0.018
41.773	-0.014	41.793	-0.011	41.807	-0.006	41.840	0.004	49.451	-0.020	49.486	-0.020	49.536	-0.012	49.588	-0.006
41.862	0.009	41.893	0.012	41.914	0.009	41.933	0.005	49.638	-0.001	49.672	-0.003	49.715	-0.005	49.749	-0.012
41.965	0.007	41.994	0.013	42.014	0.018	42.055	0.033	49.793	-0.019	49.841	-0.021	49.902	-0.020	49.971	-0.015
42.077	0.038	42.099	0.043	42.116	0.043	42.139	0.038	50.027	-0.010	50.086	0.001	50.128	0.011	50.192	0.018
42.172	0.031	42.196	0.031	42.226	0.027	42.251	0.022	50.244	0.024	50.284	0.024	50.318	0.019	50.351	0.017
42.277	0.015	42.305	0.005	42.333	0.000	42.360	-0.002	50.395	0.015	50.443	0.015	50.503	0.011		
42.394	0.005	42.428	0.008	42.455	0.008	42.483	0.013								
42.513	0.020	42.539	0.023	42.564	0.018	42.583	0.008								
42.616	0.001	42.637	-0.009	42.664	-0.011	42.700	-0.011								
42.742	-0.009	42.763	-0.006	42.794	-0.008	42.816	-0.011								
42.855	-0.013	42.888	-0.020	42.917	-0.025	42.942	-0.027								
42.976	-0.034	42.992	-0.037	43.016	-0.047	43.049	-0.054								
43.085	-0.061	43.108	-0.063	43.131	-0.058	43.172	-0.061								
43.198	-0.058	43.229	-0.048	43.259	-0.046	43.317	-0.046								
43.342	-0.041	43.367	-0.041	43.407	-0.036	43.438	-0.024								
43.459	-0.014	43.481	-0.009	43.499	-0.004	43.543	-0.002								
43.567	0.001	43.596	0.003	43.617	0.010	43.637	0.015								
43.662	0.018	43.709	0.018	43.734	0.018	43.773	0.018								
43.791	-0.018	43.816	-0.013	43.842	0.001	43.869	-0.002								
43.887	-0.004	43.905	-0.004	43.924	-0.007	43.951	0.001								
43.968	0.001	43.998	0.001	44.026	0.003	44.064	0.003								
44.096	0.008	44.130	0.010	44.162	0.008	44.193	0.006								
44.233	0.003	44.278	0.001	44.313	0.001	44.346	-0.002								
44.376	-0.004	44.401	-0.006	44.427	-0.004	44.454	-0.001								
44.479	-0.004	44.502	-0.001	44.537	0.006	44.556	0.011								
44.591	0.018	44.630	0.030	44.656	0.040	44.686	0.040								
44.712	0.038	44.742	0.030	44.767	0.023	44.788	0.013								
44.819	0.006	44.844	-0.001	44.880	-0.013	44.907	-0.013								
44.938	-0.015	44.968	-0.018	44.999	-0.022	45.026	-0.022								
45.057	-0.020	45.071	-0.015	45.100	-0.008	45.120	-0.005								
45.151	-0.000	45.172	0.002	45.201	0.010	45.223	0.020								
45.258	0.012	45.289	0.008	45.334	0.003	45.371	0.001								
45.445	0.001	45.463	0.003	45.507	-0.001	45.576	-0.003								
45.626	-0.010	45.662	-0.015	45.702	-0.010	45.731	-0.005								
45.932	-0.009	45.983	-0.009	45.997	-0.007	45.902	-0.011								
46.073	0.011	46.106	0.014	46.202	0.015	46.306	0.015								
46.350	0.013	46.390	0.011	46.434	0.006	46.456	-0.001								
46.494	-0.003	46.530	0.004	46.566	0.004	46.601	0.007								
46.651	0.005	46.689	-0.000	46.728	-0.007	46.752	-0.014								
46.785	-0.024	46.818	-0.034	46.854	-0.038	46.896	-0.031								
46.928	-0.021	46.948	-0.016	46.975	-0.011	47.028	-0.011								
47.094	-0.011	47.124	-0.016	47.155	-0.025	47.201	-0.032								
47.237	-0.035	47.287	-0.034	47.337	-0.032	47.383	-0.027								
47.438	-0.022	47.503	-0.010	47.560	0.005	47.613	0.012								
47.662	-0.025	47.706	0.039	47.742	0.047	47.765	0.051								
47.792	0.051	47.823	0.052	47.851	0.049	47.891	0.037								
47.962	0.013	47.996	0.006	48.027	0.001	48.044	0.001								
48.098	0.006	48.138	0.004	48.174	-0.006	48.215	-0.008								
48.286	-0.008	48.299	-0.003	48.348	0.002	48.379	0.004								

1Y380

68.71 4/8/68 1830PST L.A. HOLLYWOOD STORAGE - P.E. LOT EAST

2450 POINTS 51.160 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0273 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.004	0.017	-0.009	0.042	-0.014	0.064	-0.012	3.425	-0.007	3.447	-0.004	3.476	0.001	3.508	0.001	3.539	0.001	3.577	0.001
0.087	-0.012	0.107	-0.006	0.125	0.002	0.143	-0.004	3.559	0.001	3.577	0.004	3.618	0.003	3.639	0.003	3.665	0.003	3.693	0.003
0.143	-0.004	0.177	-0.006	0.197	-0.004	0.217	-0.001	3.665	0.003	3.693	0.009	3.711	0.008	3.733	0.003	3.753	0.005	3.766	0.008
0.232	0.002	0.253	0.004	0.273	0.002	0.288	-0.001	3.753	0.000	3.766	0.008	3.812	0.005	3.834	0.005	3.861	-0.000	3.887	-0.003
0.304	-0.006	0.324	-0.014	0.342	-0.017	0.366	-0.022	3.861	-0.000	3.887	-0.003	3.913	-0.003	3.940	-0.006	3.963	-0.006	3.988	-0.009
0.390	-0.022	0.415	-0.025	0.437	-0.027	0.463	-0.027	3.963	-0.006	3.988	-0.009	4.013	-0.003	4.038	-0.011	4.060	-0.017	4.081	-0.025
0.490	-0.025	0.519	-0.025	0.539	-0.027	0.564	-0.014	4.060	-0.017	4.081	-0.025	4.112	-0.030	4.125	-0.030	4.144	-0.023	4.164	-0.020
0.586	-0.003	0.603	-0.003	0.621	-0.009	0.648	-0.009	4.144	-0.023	4.164	-0.020	4.202	-0.020	4.242	-0.020	4.275	-0.011	4.301	-0.012
0.666	-0.008	0.688	-0.008	0.708	-0.011	0.721	-0.011	4.275	-0.011	4.301	-0.012	4.332	-0.010	4.355	-0.007	4.381	-0.013	4.392	-0.013
0.739	-0.006	0.763	-0.003	0.785	-0.000	0.803	-0.000	4.381	-0.013	4.392	-0.013	4.424	-0.008	4.447	0.000	4.466	0.005	4.480	0.000
0.822	-0.000	0.841	-0.003	0.864	0.002	0.886	-0.000	4.466	0.005	4.480	0.000	4.522	-0.003	4.552	-0.000	4.581	0.005	4.615	0.010
0.909	-0.003	0.938	0.003	0.963	0.008	0.983	0.013	4.581	0.005	4.615	0.010	4.638	0.018	4.656	0.021	4.681	0.015	4.723	0.016
1.010	0.013	1.029	0.008	1.053	0.008	1.077	0.003	4.681	0.015	4.723	0.016	4.766	0.004	4.804	0.004	4.854	0.004	4.887	0.004
1.058	-0.005	1.117	-0.008	1.145	-0.002	1.162	0.003	4.854	0.004	4.887	0.004	4.918	0.004	4.936	0.009	4.954	0.012	4.978	0.009
1.185	0.003	1.205	0.011	1.226	0.019	1.245	0.016	4.954	0.012	4.978	0.009	5.005	0.004	5.031	0.006	5.060	0.009	5.077	0.009
1.263	0.010	1.282	0.008	1.294	0.005	1.327	0.005	5.060	0.009	5.077	0.009	5.109	0.001	5.139	0.010	5.172	-0.015	5.229	-0.016
1.346	0.002	1.372	-0.006	1.388	-0.011	1.411	-0.011	5.172	-0.015	5.229	-0.016	5.307	-0.016	5.336	-0.013	5.376	-0.016	5.437	-0.016
1.437	-0.011	1.464	-0.009	1.486	-0.004	1.502	-0.001	5.376	-0.016	5.437	-0.016	5.474	-0.024	5.529	-0.027	5.571	-0.024	5.621	-0.024
1.519	0.002	1.538	-0.004	1.554	-0.009	1.572	-0.012	5.571	-0.024	5.621	-0.024	5.662	-0.025	5.696	-0.019	5.733	-0.019	5.766	-0.019
1.554	-0.017	1.613	-0.015	1.629	-0.009	1.646	-0.004	5.733	-0.019	5.766	-0.019	5.792	-0.012	5.827	-0.004	5.859	-0.004	5.876	0.007
1.665	0.001	1.676	0.004	1.695	0.004	1.714	0.001	5.859	-0.004	5.876	0.007	5.901	0.012	5.928	0.012	5.954	0.015	5.979	0.017
1.734	-0.005	1.758	-0.010	1.780	-0.010	1.799	-0.008	5.954	0.015	5.979	0.017	6.004	0.017	6.021	0.017	6.041	0.017	6.060	0.017
1.824	-0.005	1.841	-0.005	1.861	-0.006	1.883	-0.006	6.041	0.017	6.060	0.017	6.082	0.017	6.097	0.017	6.115	0.020	6.129	0.022
1.856	-0.006	1.913	-0.009	1.930	-0.012	1.948	-0.017	6.115	0.020	6.129	0.022	6.146	0.022	6.160	0.025	6.177	0.025	6.186	0.022
1.967	-0.020	1.979	-0.023	2.004	-0.018	2.025	-0.012	6.177	0.025	6.186	0.022	6.222	0.011	6.244	0.014	6.264	0.009	6.281	0.001
2.047	-0.010	2.065	-0.010	2.097	-0.008	2.120	-0.003	6.264	0.009	6.281	0.001	6.296	0.003	6.334	0.003	6.375	-0.002	6.415	-0.002
2.142	-0.003	2.180	-0.003	2.207	-0.002	2.230	0.004	6.375	-0.002	6.415	-0.002	6.437	0.000	6.462	-0.002	6.482	0.000	6.502	0.000
2.255	0.001	2.272	-0.004	2.298	-0.004	2.323	0.006	6.462	0.000	6.482	0.000	6.502	-0.005	6.520	-0.002	6.543	0.000	6.563	0.003
2.338	0.006	2.354	0.009	2.379	0.006	2.388	0.000	6.543	0.000	6.563	0.003	6.583	0.011	6.601	0.008	6.624	0.003	6.641	-0.003
2.412	-0.005	2.426	-0.008	2.450	-0.011	2.473	0.011	6.624	0.003	6.641	-0.003	6.658	-0.003	6.680	-0.003	6.699	-0.000	6.714	-0.005
2.455	-0.012	2.527	-0.012	2.550	-0.007	2.575	-0.004	6.699	-0.000	6.714	-0.005	6.739	-0.006	6.754	-0.003	6.769	-0.006	6.785	-0.014
2.599	-0.007	2.632	-0.003	2.657	-0.011	2.679	-0.008	6.769	-0.006	6.785	-0.014	6.800	-0.022	6.817	-0.024	6.831	-0.022	6.854	-0.022
2.654	-0.006	2.718	-0.003	2.735	-0.006	2.757	-0.006	6.831	-0.022	6.854	-0.022	6.874	-0.022	6.897	-0.019	6.916	-0.016	6.936	-0.011
2.774	-0.011	2.791	-0.017	2.815	-0.017	2.834	-0.012	6.916	-0.016	6.936	-0.011	6.951	-0.006	6.967	-0.006	6.987	-0.006	7.004	-0.001
2.849	-0.009	2.868	-0.004	2.890	-0.001	2.906	0.006	6.987	-0.006	7.004	-0.001	7.028	-0.001	7.047	-0.001	7.064	-0.001	7.084	-0.001
2.926	0.012	2.947	0.011	2.972	0.009	3.000	0.003	7.064	-0.001	7.084	-0.001	7.102	-0.006	7.125	-0.011	7.148	-0.017	7.174	-0.019
3.020	0.000	3.034	-0.002	3.053	-0.002	3.087	-0.003	7.148	-0.017	7.174	-0.019	7.194	-0.019	7.218	-0.014	7.244	-0.011	7.266	-0.009
3.120	-0.003	3.153	-0.000	3.181	-0.003	3.211	-0.006	7.244	-0.011	7.266	-0.009	7.300	-0.003	7.335	0.004	7.352	0.004	7.383	-0.004
3.230	-0.006	3.257	-0.003	3.280	0.005	3.302	0.007	7.352	0.004	7.383	-0.004	7.405	-0.002	7.431	-0.001	7.451	-0.002	7.471	-0.002
3.329	0.010	3.346	0.004	3.371	0.002	3.396	-0.004	7.451	-0.002	7.471	-0.002	7.493	-0.002	7.517	-0.022	7.537	-0.022	7.567	-0.020

7.590	-0.020	7.613	-0.020	7.638	-0.025	7.666	-0.022	13.159	-0.010	13.239	-0.010	13.271	-0.005	13.291	0.001
7.685	-0.022	7.699	-0.028	7.719	-0.022	7.749	-0.017	13.321	0.003	13.352	-0.002	13.378	0.001	13.416	0.009
7.768	-0.012	7.784	-0.009	7.796	-0.006	7.809	-0.001	13.455	0.014	13.487	0.020	13.517	0.020	13.542	0.015
7.826	-0.004	7.841	-0.012	7.868	-0.017	7.884	-0.017	13.571	0.012	13.606	0.012	13.634	0.012	13.661	0.007
7.899	-0.012	7.918	-0.009	7.937	-0.006	7.960	-0.006	13.689	0.010	13.705	0.010	13.724	0.010	13.750	0.007
7.974	-0.002	7.996	-0.002	8.021	0.004	8.040	0.007	13.771	0.002	13.791	-0.001	13.807	-0.003	13.827	-0.006
8.053	0.007	8.072	0.007	8.090	0.007	8.114	0.007	13.844	-0.011	13.865	-0.009	13.885	-0.009	13.905	-0.006
8.142	0.002	8.178	-0.006	8.209	-0.006	8.241	-0.009	13.924	-0.003	13.952	-0.003	13.973	-0.002	13.993	0.008
8.270	-0.009	8.298	-0.006	8.324	-0.007	8.353	-0.015	14.014	0.008	14.037	0.010	14.058	0.013	14.073	0.013
8.378	-0.012	8.407	-0.009	8.439	-0.009	8.466	-0.004	14.090	0.010	14.112	0.011	14.134	0.008	14.157	0.008
8.492	0.001	8.519	0.009	8.541	0.012	8.562	0.014	14.166	0.006	14.209	0.006	14.233	0.006	14.261	0.006
8.590	0.012	8.618	0.004	8.659	0.004	8.693	0.001	14.283	-0.001	14.311	-0.001	14.338	-0.006	14.365	-0.009
8.742	-0.002	8.799	-0.007	8.833	-0.007	8.870	-0.007	14.394	-0.006	14.419	-0.008	14.443	-0.011	14.460	-0.013
8.901	-0.004	8.931	-0.007	8.953	-0.007	8.976	-0.015	14.478	-0.016	14.501	-0.010	14.525	-0.010	14.555	0.001
9.001	-0.018	9.018	-0.020	9.035	-0.023	9.058	-0.026	14.586	-0.001	14.615	0.001	14.638	0.007	14.668	0.015
9.078	-0.026	9.101	-0.026	9.118	-0.025	9.136	-0.029	14.696	0.018	14.720	0.018	14.745	0.018	14.766	0.018
9.156	-0.029	9.176	-0.026	9.199	-0.023	9.221	-0.013	14.793	0.010	14.816	0.010	14.840	0.008	14.860	0.005
9.236	-0.007	9.255	-0.005	9.270	0.000	9.293	0.003	14.882	0.003	14.900	0.005	14.918	0.006	14.946	0.006
9.312	0.006	9.336	0.006	9.365	0.006	9.392	0.003	14.974	0.003	15.006	0.003	15.028	0.003	15.043	0.000
9.415	0.000	9.436	0.002	9.459	-0.008	9.478	-0.018	15.066	0.003	15.090	0.005	15.116	0.013	15.129	0.016
9.498	-0.024	9.519	-0.024	9.535	-0.024	9.561	-0.024	15.147	0.016	15.168	0.013	15.187	0.016	15.209	0.024
9.590	-0.018	9.618	-0.016	9.648	-0.016	9.668	-0.013	15.226	0.029	15.241	0.032	15.256	0.032	15.274	0.029
9.705	-0.002	9.723	0.006	9.749	0.011	9.774	0.008	15.291	0.026	15.309	0.021	15.327	0.018	15.344	0.013
9.755	0.014	9.817	0.006	9.838	0.003	9.847	0.003	15.365	0.013	15.386	0.010	15.415	0.010	15.439	0.010
9.864	0.003	9.882	0.000	9.902	0.003	9.930	0.003	15.453	0.010	15.475	0.010	15.501	0.010	15.527	0.007
9.950	0.006	9.974	0.003	9.992	0.003	10.018	0.000	15.560	-0.006	15.595	-0.001	15.640	-0.001	15.666	-0.003
10.043	-0.005	10.069	-0.005	10.098	-0.008	10.131	-0.008	15.697	-0.006	15.742	-0.003	15.777	-0.003	15.804	0.002
10.123	-0.008	10.186	-0.008	10.214	-0.005	10.231	-0.002	15.831	0.004	15.859	0.010	15.886	0.015	15.910	0.015
10.243	-0.005	10.269	-0.008	10.295	-0.005	10.324	-0.002	15.936	0.012	15.964	0.007	16.000	0.001	16.037	-0.007
10.360	-0.002	10.387	0.000	10.420	0.006	10.438	0.006	16.070	-0.015	16.100	-0.018	16.137	-0.020	16.164	-0.023
10.452	0.008	10.472	0.008	10.495	0.008	10.515	0.006	16.195	-0.026	16.218	-0.021	16.239	-0.010	16.266	-0.002
10.544	0.003	10.564	0.006	10.585	0.000	10.610	-0.008	16.275	-0.006	16.307	0.000	16.336	0.000	16.368	-0.003
10.639	-0.016	10.647	-0.015	10.665	-0.021	10.690	-0.018	16.416	-0.001	16.451	0.004	16.474	0.007	16.504	0.009
10.717	-0.013	10.736	-0.012	10.759	-0.007	10.777	-0.004	16.533	0.006	16.547	0.004	16.582	0.001	16.604	0.000
10.800	0.001	10.819	0.004	10.839	0.004	10.862	0.004	16.630	0.003	16.655	0.004	16.680	-0.005	16.712	-0.011
10.894	0.004	10.923	0.002	10.948	0.002	10.975	-0.001	16.737	-0.014	16.763	-0.011	16.784	-0.009	16.806	-0.009
10.955	-0.009	11.017	-0.017	11.046	-0.017	11.072	-0.019	16.836	-0.012	16.861	-0.012	16.887	-0.012	16.902	-0.007
11.094	-0.019	11.121	-0.016	11.148	-0.016	11.169	-0.013	16.923	-0.002	16.945	-0.002	16.964	-0.002	16.980	0.001
11.189	-0.011	11.215	-0.005	11.245	0.000	11.269	0.000	17.000	0.006	17.016	0.006	17.039	0.011	17.067	0.016
11.300	0.000	11.333	0.003	11.367	-0.000	11.401	-0.006	17.099	0.014	17.136	0.014	17.166	0.008	17.203	0.003
11.552	-0.007	11.577	-0.004	11.602	-0.002	11.630	-0.001	17.232	0.006	17.270	0.006	17.292	0.003	17.329	-0.002
11.592	-0.006	11.626	-0.006	11.659	-0.006	11.690	-0.004	17.349	0.001	17.375	0.009	17.399	0.003	17.426	-0.005
11.653	0.003	11.676	0.009	11.702	0.008	11.744	0.014	17.450	-0.005	17.472	-0.004	17.499	-0.012	17.531	-0.015
11.770	0.011	11.803	0.016	11.815	0.014	11.843	0.011	17.564	-0.015	17.590	-0.020	17.615	-0.015	17.634	-0.010
11.874	0.011	11.906	0.014	11.932	0.017	11.962	0.014	17.668	-0.005	17.688	-0.002	17.709	0.009	17.736	0.014
11.979	0.009	12.003	0.006	12.022	0.004	12.065	0.001	17.772	0.014	17.798	0.011	17.833	0.011	17.852	0.008
12.051	-0.001	12.121	-0.004	12.141	-0.001	12.158	-0.004	17.874	0.000	17.893	-0.005	17.913	-0.010	17.937	-0.010
12.189	-0.001	12.213	-0.001	12.232	0.002	12.253	-0.000	17.970	-0.002	17.987	-0.005	18.014	-0.013	18.034	-0.021
12.274	-0.003	12.300	-0.008	12.330	-0.008	12.362	-0.016	18.059	-0.024	18.081	-0.026	18.104	-0.027	18.129	-0.021
12.388	-0.018	12.405	-0.015	12.424	-0.013	12.447	-0.012	18.203	-0.016	18.244	-0.011	18.282	-0.011	18.301	-0.006
12.470	-0.007	12.490	-0.007	12.513	-0.007	12.545	-0.009	18.351	-0.006	18.380	-0.001	18.416	0.002	18.451	0.001
12.578	-0.011	12.608	-0.011	12.642	-0.014	12.679	-0.009	18.463	0.001	18.501	-0.007	18.512	-0.009	18.538	-0.017
12.717	-0.013	12.749	-0.018	12.777	-0.010	12.805	-0.002	18.568	-0.018	18.591	-0.007	18.617	0.001	18.640	0.001
12.823	-0.005	12.859	-0.004	12.900	-0.001	12.920	-0.001	18.664	0.014	18.699	0.022	18.721	0.014	18.752	0.011
12.953	-0.012	12.987	-0.012	13.017	-0.011	13.042	-0.022	18.774	0.009	18.799	0.011	18.825	0.017	18.859	0.022
13.080	-0.024	13.105	-0.024	13.134	-0.019	13.161	-0.016	18.878	0.019	18.903	0.016	18.943	0.016	18.974	0.019

19.000	0.014	19.034	0.011	19.057	0.003	19.086	0.000	25.597	-0.036	25.517	-0.012	25.541	-0.020	25.575	-0.043
19.119	-0.002	19.151	-0.002	19.177	-0.003	19.207	-0.003	25.600	-0.051	25.616	-0.057	25.640	-0.075	25.666	-0.083
19.241	-0.000	19.274	0.003	19.300	-0.003	19.332	-0.000	25.711	-0.088	25.739	-0.083	25.775	-0.064	25.803	-0.052
19.360	0.002	19.402	-0.000	19.427	-0.006	19.472	-0.008	25.850	-0.027	25.884	-0.016	25.923	0.021	25.954	0.042
19.528	-0.014	19.606	-0.014	19.687	-0.016	19.737	-0.019	25.991	0.053	26.021	0.069	26.049	0.069	26.092	0.066
19.771	-0.019	19.814	-0.011	19.867	-0.011	19.934	0.005	26.111	0.061	26.147	0.069	26.170	0.027	26.193	0.013
19.991	0.008	20.074	0.008	20.147	0.011	20.223	0.009	26.218	0.068	26.240	0.005	26.263	0.019	26.285	0.029
20.263	0.009	20.361	0.006	20.423	0.004	20.479	0.009	26.306	0.037	26.317	0.035	26.338	0.032	26.371	0.019
20.510	0.014	20.547	0.017	20.591	0.009	20.633	0.020	26.390	0.003	26.412	-0.007	26.438	0.001	26.462	0.019
20.656	0.015	20.757	0.010	20.814	0.010	20.834	0.010	26.487	0.038	26.504	0.059	26.526	0.083	26.544	0.097
20.857	0.010	20.889	0.010	20.929	0.005	20.957	-0.000	26.566	0.105	26.582	0.113	26.594	0.121	26.616	0.132
20.983	-0.005	21.012	-0.011	21.043	-0.021	21.068	-0.026	26.638	0.113	26.673	0.089	26.694	0.079	26.722	0.074
21.192	-0.024	21.123	-0.024	21.151	-0.024	21.169	-0.021	26.743	0.077	26.766	0.082	26.787	0.066	26.823	0.050
21.296	-0.010	21.220	-0.018	21.244	-0.016	21.272	-0.013	26.844	0.051	26.872	0.024	26.906	0.011	26.923	0.003
21.415	-0.002	21.436	0.009	21.456	0.017	21.484	0.019	26.954	0.017	26.987	0.035	27.010	0.030	27.043	0.007
21.498	0.022	21.519	0.027	21.541	0.025	21.573	0.017	27.074	-0.009	27.095	-0.012	27.133	-0.022	27.172	-0.043
21.614	0.066	21.646	-0.010	21.688	-0.025	21.725	-0.039	27.214	-0.048	27.240	-0.053	27.267	-0.053	27.299	-0.031
21.771	-0.046	21.804	-0.052	21.826	-0.054	21.858	-0.054	27.324	-0.023	27.346	-0.023	27.377	-0.033	27.405	-0.036
21.999	-0.033	22.027	-0.030	22.057	-0.049	22.088	-0.041	27.423	-0.033	27.447	-0.025	27.483	-0.006	27.508	-0.008
22.117	-0.016	22.145	-0.011	22.171	-0.003	22.192	0.005	27.522	-0.002	27.553	-0.013	27.567	-0.024	27.602	-0.045
22.209	0.013	22.236	0.019	22.260	0.021	22.287	0.024	27.608	-0.050	27.639	-0.061	27.670	-0.052	27.718	-0.034
22.316	0.024	22.336	0.030	22.361	0.032	22.390	0.033	27.790	-0.022	27.837	-0.004	27.871	0.018	27.936	0.005
22.410	0.033	22.430	0.035	22.452	0.035	22.472	0.033	27.973	0.021	28.012	0.024	28.053	0.024	28.076	0.010
22.500	0.025	22.520	0.015	22.543	0.015	22.564	0.020	28.104	0.005	28.138	0.021	28.165	0.021	28.200	0.068
22.584	0.025	22.603	0.025	22.623	0.023	22.645	0.015	28.233	0.005	28.264	0.011	28.318	0.027	28.350	0.045
22.666	0.010	22.683	0.013	22.705	0.015	22.729	0.021	28.350	0.035	28.437	0.030	28.466	0.027	28.446	0.022
22.772	0.037	22.772	0.037	22.795	0.053	22.821	0.064	28.455	0.032	28.466	0.030	28.486	0.027	28.459	0.022
22.839	0.077	22.853	0.082	22.876	0.090	22.899	0.091	28.511	0.014	28.522	0.009	28.536	-0.002	28.549	-0.005
22.917	0.096	22.935	0.091	22.961	0.083	22.975	0.070	28.558	-0.007	28.567	-0.010	28.583	-0.007	28.591	-0.007
23.058	0.054	23.016	0.038	23.036	0.030	23.058	0.023	28.640	-0.023	28.651	-0.026	28.661	-0.028	28.670	-0.031
23.085	0.015	23.103	0.010	23.125	0.004	23.143	0.002	28.679	-0.028	28.698	-0.028	28.726	-0.018	28.739	-0.018
23.163	-0.009	23.192	-0.014	23.210	-0.019	23.229	-0.019	28.718	-0.023	28.722	-0.018	28.726	-0.018	28.739	-0.018
23.256	-0.019	23.278	-0.017	23.302	-0.013	23.333	-0.010	28.748	-0.016	28.755	-0.020	28.764	-0.026	28.770	-0.028
23.353	-0.007	23.382	-0.007	23.404	-0.007	23.418	-0.007	28.780	-0.028	28.788	-0.031	28.796	-0.036	28.804	-0.034
23.434	-0.007	23.455	-0.004	23.479	-0.001	23.499	0.002	28.815	-0.028	28.826	-0.026	28.834	-0.021	28.843	-0.010
23.518	-0.004	23.540	-0.006	23.571	-0.011	23.591	-0.014	28.852	-0.007	28.860	-0.005	28.871	0.001	28.884	0.006
23.620	-0.014	23.644	-0.011	23.663	-0.013	23.687	-0.016	28.895	0.011	28.903	0.016	28.911	0.022	28.923	0.024
23.707	-0.019	23.732	-0.024	23.752	-0.029	23.777	-0.034	28.934	0.024	28.942	0.024	28.950	0.021	28.961	0.019
23.797	-0.039	23.817	-0.042	23.843	-0.044	23.862	-0.039	28.972	0.019	28.985	0.013	28.993	0.011	28.998	0.019
23.886	-0.036	23.913	-0.023	23.936	-0.015	23.959	-0.012	29.004	-0.008	29.007	0.008	29.013	0.005	29.024	0.003
23.968	-0.017	23.996	-0.022	24.004	-0.025	24.022	-0.041	29.032	-0.000	29.045	-0.013	29.054	-0.019	29.062	-0.021
24.047	-0.030	24.078	-0.019	24.109	-0.000	24.117	0.005	29.075	-0.030	29.080	-0.022	29.094	-0.040	29.100	-0.046
24.140	0.010	24.165	-0.000	24.189	-0.013	24.219	-0.013	29.113	-0.049	29.125	-0.052	29.135	-0.046	29.144	-0.036
24.253	-0.018	24.279	-0.031	24.302	-0.045	24.342	-0.047	29.151	-0.031	29.160	-0.023	29.163	-0.015	29.171	-0.015
24.386	-0.039	24.406	-0.034	24.437	-0.028	24.454	-0.026	29.184	-0.021	29.192	-0.021	29.199	-0.026	29.217	-0.029
24.480	-0.031	24.515	-0.044	24.534	-0.044	24.571	-0.034	29.213	-0.032	29.223	-0.037	29.231	-0.040	29.242	-0.040
24.608	-0.020	24.665	-0.007	24.692	0.004	24.720	0.012	29.251	-0.043	29.256	-0.035	29.262	-0.035	29.270	-0.032
24.758	0.001	24.783	0.004	24.813	0.020	24.859	0.049	29.282	-0.032	29.293	-0.032	29.313	-0.035	29.329	-0.038
24.856	0.063	24.923	0.068	24.934	0.065	24.965	0.049	29.345	-0.038	29.359	-0.049	29.374	-0.054	29.387	-0.057
24.988	0.039	25.031	0.039	25.061	0.025	25.092	0.007	29.358	-0.070	29.471	-0.086	29.451	-0.086	29.451	-0.086
25.121	-0.012	25.148	-0.028	25.174	-0.041	25.197	-0.043	29.462	-0.089	29.471	-0.086	29.483	-0.086	29.511	-0.062
25.225	-0.043	25.256	-0.041	25.272	-0.041	25.298	-0.030	29.527	-0.054	29.540	-0.046	29.555	-0.028	29.564	-0.027
25.319	-0.025	25.337	-0.022	25.361	-0.036	25.392	-0.054	29.574	-0.017	29.583	-0.014	29.600	0.005	29.613	0.007
25.412	-0.065	25.432	-0.067	25.455	-0.059	25.472	-0.046	29.630	0.015	29.636	0.023	29.644	0.023	29.655	0.029
								29.663	0.037	29.674	0.045	29.680	0.050	29.692	0.053

29.705	0.066	29.712	0.064	29.723	0.061	29.736	0.064	32.195	0.045	32.208	0.042	32.217	0.045	32.231	0.042
29.745	0.067	29.751	0.069	29.770	0.064	29.780	0.064	32.242	0.040	32.246	0.040	32.260	0.037	32.266	0.037
29.791	0.064	29.803	0.065	29.813	0.065	29.825	0.057	32.279	0.042	32.291	0.037	32.299	0.031	32.310	0.023
29.834	0.054	29.843	0.046	29.851	0.046	29.860	0.044	32.321	0.018	32.335	0.015	32.346	0.008	32.361	0.005
29.867	0.041	29.876	0.031	29.885	0.026	29.897	0.018	32.377	0.002	32.386	0.006	32.400	-0.003	32.413	-0.003
29.904	0.012	29.910	0.005	29.916	0.002	29.928	-0.001	32.428	-0.008	32.444	-0.008	32.458	-0.006	32.467	-0.006
29.939	-0.000	29.950	-0.003	29.954	-0.008	29.981	-0.013	32.461	-0.002	32.496	-0.008	32.504	-0.014	32.520	-0.024
29.987	-0.027	29.994	-0.029	30.001	-0.037	30.007	-0.056	32.531	-0.022	32.548	-0.024	32.565	-0.027	32.577	-0.024
30.010	-0.061	30.021	-0.066	30.030	-0.077	30.035	-0.079	32.591	-0.027	32.602	-0.029	32.618	-0.032	32.630	-0.029
30.044	-0.084	30.050	-0.087	30.056	-0.092	30.065	-0.092	32.642	-0.024	32.661	-0.021	32.672	-0.011	32.686	-0.005
30.076	-0.089	30.088	-0.087	30.105	-0.081	30.113	-0.076	32.697	0.000	32.723	0.006	32.739	0.016	32.761	0.019
30.122	-0.060	30.132	-0.055	30.141	-0.047	30.149	-0.044	32.771	0.027	32.784	0.025	32.756	0.048	32.807	0.046
30.158	-0.031	30.167	-0.026	30.175	-0.023	30.181	-0.018	32.820	0.045	32.826	0.057	32.838	0.062	32.846	0.073
30.189	-0.007	30.196	0.004	30.204	0.014	30.213	0.017	32.854	0.075	32.863	0.081	32.873	0.083	32.880	0.081
30.223	0.027	30.232	0.027	30.248	0.025	30.256	0.033	32.883	0.083	32.890	0.083	32.894	0.078	32.897	0.078
30.263	0.033	30.270	0.038	30.276	0.038	30.277	0.038	32.902	0.078	32.908	0.078	32.915	0.076	32.919	0.073
30.287	0.043	30.298	0.049	30.305	0.059	30.316	0.067	32.925	0.070	32.929	0.068	32.932	0.060	32.936	0.060
30.326	0.072	30.335	0.078	30.344	0.080	30.355	0.088	32.941	0.060	32.947	0.055	32.952	0.052	32.955	0.044
30.363	0.091	30.369	0.091	30.380	0.094	30.397	0.096	32.964	0.039	32.971	0.036	32.977	0.033	32.980	0.031
30.410	0.099	30.419	0.096	30.428	0.094	30.438	0.096	32.988	0.023	32.991	0.028	33.003	0.020	33.013	0.023
30.449	0.094	30.461	0.094	30.469	0.091	30.484	0.089	33.019	0.023	33.025	0.023	33.034	0.018	33.041	0.015
30.497	0.083	30.505	0.081	30.511	0.073	30.522	0.068	33.047	0.010	33.055	0.010	33.064	0.002	33.069	-0.003
30.531	0.054	30.537	0.052	30.545	0.044	30.553	0.038	33.081	-0.014	33.089	-0.022	33.094	-0.027	33.103	-0.030
30.555	0.036	30.562	0.028	30.572	0.025	30.578	0.020	33.112	-0.038	33.120	-0.040	33.131	-0.045	33.142	-0.051
30.587	0.017	30.598	0.017	30.606	0.015	30.612	0.015	33.150	-0.051	33.162	-0.056	33.175	-0.058	33.181	-0.058
30.623	0.018	30.625	0.015	30.629	0.012	30.640	0.012	33.182	-0.061	33.201	-0.069	33.209	-0.074	33.218	-0.082
30.648	0.015	30.662	0.018	30.673	0.021	30.685	0.031	33.230	-0.085	33.240	-0.085	33.249	-0.093	33.256	-0.090
30.692	0.034	30.699	0.042	30.710	0.042	30.721	0.045	33.263	-0.095	33.269	-0.098	33.277	-0.100	33.283	-0.100
30.731	0.042	30.740	0.037	30.750	0.037	30.762	0.037	33.292	-0.103	33.301	-0.103	33.312	-0.108	33.324	-0.108
30.775	0.032	30.784	0.035	30.792	0.030	30.803	0.027	33.338	-0.103	33.346	-0.105	33.355	-0.100	33.363	-0.097
30.817	0.022	30.825	0.019	30.831	0.017	30.843	0.011	33.372	-0.095	33.383	-0.092	33.391	-0.081	33.406	-0.079
30.851	0.011	30.862	0.006	30.876	0.006	30.889	0.012	33.412	-0.071	33.429	-0.068	33.448	-0.063	33.462	-0.052
30.895	0.012	30.911	0.020	30.920	0.020	30.931	0.038	33.469	-0.049	33.480	-0.046	33.491	-0.041	33.503	-0.038
31.122	0.037	31.128	0.031	31.136	0.026	31.141	0.023	33.522	-0.035	33.533	-0.035	33.542	-0.030	33.557	-0.032
31.147	0.021	31.153	0.021	31.161	0.016	31.169	0.010	33.573	-0.027	33.585	-0.032	33.594	-0.027	33.604	-0.032
31.175	0.010	31.185	0.016	31.192	0.018	31.203	0.018	33.613	-0.032	33.621	-0.035	33.627	-0.037	33.633	-0.040
31.217	0.013	31.224	0.013	31.228	0.008	31.239	0.002	33.639	-0.045	33.650	-0.050	33.659	-0.056	33.672	-0.053
31.250	-0.003	31.263	-0.013	31.279	-0.016	31.288	-0.021	33.682	-0.050	33.695	-0.045	33.706	-0.042	33.715	-0.034
31.305	-0.024	31.321	-0.027	31.335	-0.032	31.346	-0.029	33.732	-0.021	33.749	-0.013	33.763	-0.002	33.776	0.001
31.356	-0.032	31.367	-0.029	31.377	-0.008	31.388	-0.002	33.787	0.001	33.788	0.004	33.802	0.001	33.807	0.001
31.399	0.006	31.409	0.011	31.421	0.019	31.432	0.016	33.818	0.001	33.829	-0.001	33.841	0.002	33.850	-0.001
31.445	0.016	31.456	0.014	31.464	0.014	31.478	0.003	33.864	-0.001	33.874	-0.003	33.883	-0.003	33.891	-0.006
31.489	0.006	31.500	-0.008	31.517	-0.010	31.530	-0.013	33.900	-0.006	33.911	-0.008	33.917	-0.008	33.925	-0.008
31.545	-0.018	31.559	-0.016	31.574	-0.013	31.586	-0.013	33.937	-0.011	33.948	-0.005	33.958	0.000	33.968	0.011
31.602	-0.021	31.614	-0.021	31.625	-0.024	31.639	-0.029	33.979	-0.016	33.987	-0.016	33.996	0.027	34.001	0.035
31.650	-0.034	31.663	-0.039	31.676	-0.039	31.688	-0.050	34.017	0.043	34.024	0.054	34.037	0.056	34.049	0.067
31.707	-0.053	31.716	-0.050	31.730	-0.045	31.740	-0.037	34.066	0.080	34.074	0.088	34.088	0.096	34.098	0.096
31.752	-0.034	31.768	-0.037	31.786	-0.029	31.794	-0.032	34.110	0.102	34.121	0.102	34.132	0.104	34.141	0.110
31.807	-0.029	31.819	-0.029	31.836	-0.034	31.850	-0.034	34.160	0.105	34.172	0.113	34.186	0.113	34.197	0.115
31.871	-0.034	31.892	-0.039	31.907	-0.029	31.921	-0.024	34.208	0.113	34.219	0.113	34.230	0.113	34.236	0.100
31.935	-0.013	31.950	-0.008	31.964	-0.002	31.974	0.003	34.247	0.108	34.255	0.105	34.261	0.102	34.268	0.100
31.983	0.006	31.999	0.019	32.008	0.019	32.024	0.024	34.275	0.095	34.285	0.092	34.293	0.089	34.304	0.092
32.036	0.029	32.050	0.035	32.063	0.040	32.072	0.053	34.313	0.089	34.319	0.087	34.330	0.084	34.341	0.081
32.081	0.051	32.092	0.053	32.106	0.061	32.123	0.061	34.355	0.068	34.365	0.068	34.374	0.068	34.393	0.055
32.139	0.061	32.151	0.053	32.164	0.048	32.181	0.048	34.404	0.058	34.417	0.055	34.423	0.050	34.425	0.045
								34.437	0.042	34.446	0.039	34.457	0.037	34.462	0.037

34.470	0.031	34.479	0.026	34.489	0.023	34.500	0.018	38.039	0.045	38.053	0.042	38.068	0.034	38.079	0.032
34.511	0.018	34.522	0.013	34.531	0.016	34.545	0.016	38.093	0.029	38.107	0.021	38.121	0.016	38.132	0.013
34.556	0.016	34.567	0.018	34.580	0.018	34.594	0.016	38.148	0.008	38.162	0.014	38.178	-0.000	38.201	0.002
34.606	0.016	34.612	0.011	34.622	0.013	34.630	0.005	38.220	-0.000	38.237	0.018	38.246	-0.019	38.259	-0.016
34.639	0.003	34.649	-0.002	34.661	0.000	34.670	-0.002	38.276	-0.022	38.294	-0.022	38.308	-0.027	38.327	-0.032
34.686	-0.005	34.706	0.003	34.720	0.009	34.742	0.017	38.347	-0.008	38.364	-0.030	38.386	-0.022	38.404	-0.014
34.760	0.027	34.774	0.027	34.791	0.030	34.801	0.033	38.420	-0.008	38.439	0.005	38.458	0.010	38.476	0.021
34.822	0.030	34.836	0.028	34.855	0.025	34.861	0.030	38.495	0.026	38.510	0.024	38.523	0.026	38.535	0.026
34.873	0.025	34.880	0.023	34.890	0.023	34.900	0.017	38.556	0.024	38.566	0.021	38.577	0.016	38.591	0.013
34.911	0.015	34.920	0.015	34.929	0.012	34.935	0.010	38.607	0.011	38.622	0.006	38.641	0.000	38.660	0.008
34.946	0.004	34.958	-0.001	34.966	-0.004	34.980	-0.003	38.672	0.017	38.686	0.025	38.708	0.027	38.722	0.033
34.991	-0.009	35.002	-0.017	35.011	-0.017	35.023	-0.016	38.736	0.030	38.755	0.033	38.783	0.036	38.797	0.038
35.040	-0.011	35.053	-0.008	35.084	-0.003	35.105	0.002	38.814	0.039	38.820	0.039	38.839	0.036	38.853	0.036
35.126	0.005	35.138	0.010	35.153	0.010	35.170	0.021	38.871	0.042	38.882	0.039	38.888	0.036	38.911	0.039
35.184	0.018	35.203	0.024	35.218	0.021	35.231	0.021	38.930	0.039	38.945	0.045	38.962	0.045	38.985	0.045
35.237	0.021	35.249	0.018	35.260	0.013	35.268	0.005	39.002	0.045	39.025	0.042	39.044	0.045	39.068	0.045
35.275	-0.000	35.294	-0.003	35.314	-0.008	35.326	-0.008	39.088	0.038	39.107	0.032	39.124	0.022	39.142	0.025
35.348	-0.008	35.372	-0.011	35.388	-0.006	35.405	-0.006	39.161	0.011	39.173	0.004	39.186	-0.002	39.198	-0.007
35.414	-0.006	35.433	-0.009	35.451	-0.009	35.473	-0.012	39.210	-0.007	39.221	-0.002	39.243	-0.004	39.258	0.004
35.493	-0.009	35.504	-0.009	35.527	-0.007	35.542	0.014	39.278	0.004	39.297	0.009	39.314	0.004	39.328	0.004
35.559	0.006	35.574	0.009	35.585	0.014	35.604	0.016	39.343	-0.001	39.357	0.002	39.379	0.002	39.394	-0.011
35.624	0.016	35.641	0.030	35.662	0.030	35.687	0.029	39.468	-0.017	39.479	-0.017	39.447	-0.019	39.469	-0.022
35.701	0.024	35.712	0.019	35.739	0.011	35.752	0.005	39.489	-0.027	39.515	-0.027	39.537	-0.024	39.565	-0.019
35.762	-0.003	35.773	-0.005	35.785	-0.011	35.798	-0.013	39.585	-0.021	39.617	-0.018	39.642	-0.013	39.662	-0.013
35.810	-0.008	35.822	-0.005	35.840	-0.003	35.854	0.005	39.679	-0.021	39.656	-0.015	39.716	-0.013	39.732	-0.010
35.871	0.021	35.885	0.026	35.900	0.034	35.913	0.040	39.751	-0.010	39.769	-0.002	39.793	0.006	39.816	0.012
35.928	0.042	35.940	0.042	35.954	0.040	35.963	0.042	39.830	0.014	39.856	0.009	39.876	0.012	39.890	0.012
35.982	0.042	35.997	0.037	36.009	0.034	36.029	0.029	39.911	0.005	39.935	0.009	39.953	0.007	39.966	0.004
36.037	0.018	36.049	0.010	36.061	0.002	36.074	-0.006	39.985	0.004	40.004	-0.004	40.022	-0.001	40.046	-0.001
36.084	-0.011	36.094	-0.024	36.106	-0.024	36.120	-0.029	40.063	-0.004	40.080	-0.001	40.095	-0.001	40.102	0.002
36.138	-0.024	36.155	-0.024	36.173	-0.027	36.193	-0.024	40.112	-0.002	40.134	-0.001	40.150	0.007	40.164	0.010
36.206	-0.024	36.225	-0.030	36.247	-0.035	36.264	-0.043	40.178	0.015	40.196	0.018	40.217	0.015	40.232	0.012
36.284	-0.048	36.296	-0.051	36.316	-0.059	36.337	-0.059	40.251	0.015	40.276	0.010	40.298	0.007	40.320	0.007
36.359	-0.057	36.380	-0.049	36.400	-0.057	36.428	-0.046	40.338	-0.001	40.352	-0.004	40.379	-0.009	40.402	-0.009
36.449	-0.031	36.471	-0.025	36.500	-0.042	36.512	-0.018	40.421	-0.012	40.440	-0.014	40.463	-0.022	40.485	-0.025
36.534	-0.018	36.555	-0.005	36.572	-0.005	36.590	0.006	40.495	-0.028	40.515	-0.036	40.538	-0.041	40.555	-0.038
36.613	0.008	36.629	0.011	36.658	0.019	36.675	0.011	40.582	-0.041	40.601	-0.041	40.619	-0.046	40.637	-0.049
36.690	0.008	36.715	0.005	36.734	0.005	36.762	0.002	40.658	-0.054	40.680	-0.051	40.694	-0.054	40.715	-0.033
36.779	0.003	36.793	-0.008	36.807	-0.008	36.825	-0.000	40.733	-0.022	40.752	-0.020	40.765	-0.002	40.780	0.018
36.842	-0.000	36.861	0.005	36.877	0.010	36.892	0.013	40.799	0.033	40.816	0.039	40.836	0.041	40.858	0.044
36.911	0.013	36.929	0.013	36.948	0.008	36.965	-0.000	40.882	0.047	40.902	0.047	40.931	0.050	40.952	0.047
36.981	0.005	37.001	-0.005	37.018	-0.008	37.032	-0.013	40.975	0.050	40.995	0.052	41.020	0.055	41.045	0.052
37.044	-0.019	37.060	-0.021	37.075	-0.029	37.088	-0.037	41.012	0.058	41.034	0.060	41.112	0.061	41.126	0.053
37.100	-0.034	37.117	-0.034	37.135	-0.037	37.153	-0.034	41.144	0.039	41.156	0.031	41.172	0.024	41.186	0.016
37.172	-0.037	37.184	-0.037	37.200	-0.039	37.211	-0.045	41.206	0.005	41.228	-0.005	41.259	-0.011	41.276	-0.016
37.231	-0.047	37.250	-0.058	37.271	-0.050	37.293	-0.047	41.303	-0.016	41.331	-0.018	41.352	-0.021	41.371	-0.023
37.310	-0.042	37.327	-0.034	37.344	-0.024	37.366	-0.026	41.394	-0.023	41.413	-0.026	41.435	-0.026	41.458	-0.026
37.380	-0.010	37.402	-0.002	37.422	0.022	37.442	0.027	41.477	-0.028	41.500	-0.033	41.517	-0.033	41.542	-0.033
37.461	0.027	37.478	0.024	37.497	0.024	37.517	0.022	41.564	-0.033	41.586	-0.031	41.608	-0.036	41.631	-0.030
37.537	0.028	37.556	0.022	37.574	0.022	37.590	0.014	41.656	-0.033	41.684	-0.033	41.699	-0.043	41.726	-0.043
37.607	0.008	37.622	0.006	37.646	0.014	37.661	0.022	41.745	-0.041	41.768	-0.033	41.800	-0.027	41.817	-0.019
37.677	0.027	37.696	0.032	37.727	0.040	37.750	0.037	41.836	-0.016	41.859	-0.016	41.880	-0.016	41.905	-0.016
37.770	0.040	37.797	0.037	37.814	0.040	37.836	0.032	41.924	-0.013	41.946	-0.021	41.966	-0.021	41.983	-0.024
37.850	0.027	37.862	0.024	37.875	0.021	37.891	0.021	42.032	-0.015	42.063	-0.002	42.093	0.003	42.118	0.012
37.906	0.024	37.925	0.029	37.940	0.035	37.959	0.042	42.137	0.028	42.163	0.022	42.184	0.038	42.215	0.041
37.981	0.042	37.997	0.048	38.012	0.050	38.029	0.048	42.243	0.034	42.268	0.031	42.295	0.021	42.313	0.013

42.337	0.011	42.362	0.014	42.384	0.019	42.407	0.017	48.104	0.001	48.131	-C.012	48.155	-C.020	48.174	-0.025
42.427	0.014	42.452	0.014	42.472	0.012	42.496	0.015	48.202	-0.022	48.236	-0.028	48.265	-0.022	48.291	-0.022
42.518	0.015	42.532	0.015	42.555	0.013	42.600	0.011	48.327	-0.025	48.370	-0.027	48.400	-0.025	48.438	-0.017
42.624	0.006	42.625	0.011	42.642	0.011	42.667	0.011	48.463	-0.006	48.500	-0.006	48.533	-C.003	48.570	-C.000
42.691	0.004	42.713	-0.009	42.727	-0.012	42.748	-0.020	48.610	-0.008	48.638	-0.006	48.673	-C.008	48.709	-C.008
42.773	-0.027	42.801	-0.032	42.823	-0.029	42.841	-0.035	48.746	-C.010	48.764	-C.010	48.818	-C.015	48.849	-0.020
42.866	-0.034	42.888	-0.029	42.905	-0.029	42.930	-0.015	48.883	-0.020	48.917	-0.023	48.938	-C.028	48.981	-0.030
42.950	-0.013	42.975	-0.002	43.003	0.011	43.021	0.012	49.001	-0.036	49.023	-0.043	49.053	-C.057	49.067	-0.035
43.048	0.025	43.079	0.020	43.097	0.025	43.121	0.041	49.087	-0.035	49.112	-C.027	49.139	-0.027	49.182	-0.027
43.145	0.031	43.172	0.033	43.201	0.041	43.223	0.041	49.215	-0.021	49.246	-0.018	49.264	-C.018	49.303	-C.010
43.245	0.047	43.267	0.046	43.289	0.036	43.309	0.028	49.328	-0.004	49.358	-0.001	49.394	-0.003	49.426	-0.000
43.328	C.020	43.350	0.020	43.367	0.012	43.392	0.014	49.473	C.000	49.504	0.003	49.530	C.001	49.573	-0.009
43.420	0.012	43.447	0.014	43.472	0.012	43.489	0.014	49.615	-0.011	49.663	-0.016	49.692	-0.016	49.733	-C.013
43.509	0.017	43.540	0.025	43.565	0.024	43.603	0.027	49.712	-C.010	49.756	C.006	49.823	C.014	49.845	0.059
43.636	0.027	43.667	0.027	43.698	0.024	43.734	0.024	49.862	0.046	49.890	0.057	49.915	0.054	49.938	0.052
43.755	0.021	43.775	0.018	43.802	0.018	43.830	0.013	49.959	0.057	49.985	0.059	50.015	0.057	50.033	0.052
43.854	0.010	43.884	0.013	43.915	0.007	43.944	0.010	50.060	0.046	50.079	0.047	50.100	C.044	50.122	0.036
43.973	0.010	44.003	0.010	44.036	0.010	44.061	0.012	50.141	0.031	50.167	0.026	50.191	0.016	50.202	C.016
44.091	0.007	44.118	-0.003	44.139	-0.014	44.157	-0.011	50.231	0.006	50.256	0.004	50.288	0.002	50.317	-0.008
44.121	-0.006	44.208	0.005	44.236	0.007	44.258	-0.000	50.346	-0.000	50.369	-0.002	50.396	-C.007	50.423	-0.007
44.276	0.007	44.290	0.008	44.306	0.005	44.329	-0.000	50.448	-0.012	50.472	-0.020	50.495	-C.014	50.509	-C.011
44.348	-0.008	44.361	-0.013	44.383	-0.029	44.400	-0.024	50.534	-0.016	50.563	-0.011	50.579	-C.008	50.603	0.011
44.418	-0.026	44.440	-0.029	44.456	-0.021	44.476	-0.024	50.619	-0.008	50.629	-0.005	50.643	0.000	50.668	0.005
44.479	-0.023	44.522	-0.023	44.542	-0.021	44.560	-0.023	50.689	0.011	50.714	0.011	50.743	0.014	50.769	0.022
44.579	-0.023	44.596	-0.020	44.621	-0.020	44.636	-0.026	50.784	C.019	50.812	0.024	50.831	0.027	50.861	0.022
44.650	-0.018	44.667	-0.018	44.684	-0.018	44.707	-0.007	50.872	0.016	50.901	0.016	50.921	C.011	50.941	0.011
44.736	-0.010	44.757	0.006	44.785	0.014	44.813	0.020	50.962	0.011	50.984	0.008	51.007	0.001	51.031	-0.005
44.844	C.017	44.876	0.020	44.902	0.025	44.924	0.019	51.057	-C.004	51.073	-0.007	51.087	-C.010	51.105	-C.010
44.948	0.014	44.979	0.016	45.003	0.014	45.025	0.003	51.134	-0.010	51.160	-0.010				
45.044	-0.002	45.069	-0.008	45.089	-0.024	45.111	-0.032								
45.130	-0.035	45.152	-0.045	45.169	-0.043	45.189	-0.045								
45.213	-0.045	45.236	-0.045	45.258	-0.045	45.281	-0.045								
45.302	-0.045	45.323	-0.048	45.342	-0.048	45.369	-0.048								
45.389	-0.045	45.423	-0.035	45.444	-0.008	45.464	0.003								
45.497	0.005	45.529	0.008	45.564	0.014	45.601	0.012								
45.643	0.020	45.668	0.023	45.703	0.026	45.725	0.015								
45.758	0.026	45.796	0.032	45.830	0.029	45.865	0.019								
45.893	0.008	45.931	0.001	45.953	-0.002	45.982	-0.002								
46.009	-0.007	46.029	-0.020	46.067	-0.023	46.105	-0.020								
46.130	-0.015	46.165	-0.014	46.192	-0.014	46.215	-0.019								
46.234	-0.020	46.259	-0.014	46.292	-0.022	46.316	-0.019								
46.343	-0.030	46.374	-0.019	46.406	-0.019	46.436	-0.014								
46.474	-0.008	46.499	-0.000	46.518	-0.000	46.537	-0.003								
46.557	-0.003	46.582	-0.005	46.609	-0.019	46.641	-0.018								
46.675	-0.018	46.690	0.008	46.708	0.019	46.729	0.030								
46.754	0.030	46.781	0.033	46.814	0.033	46.848	0.028								
46.881	0.028	46.916	0.031	46.955	0.023	46.983	0.020								
47.018	0.015	47.052	0.026	47.092	0.023	47.134	0.026								
47.184	0.029	47.226	0.027	47.262	0.022	47.298	0.019								
47.323	0.014	47.351	0.011	47.374	0.004	47.404	-0.002								
47.435	-0.004	47.463	-0.004	47.490	-0.001	47.516	0.007								
47.546	0.012	47.572	0.018	47.599	0.020	47.622	0.015								
47.649	0.018	47.678	0.018	47.709	0.021	47.736	0.021								
47.773	0.024	47.813	0.013	47.845	0.011	47.876	0.006								
47.905	0.009	47.927	0.006	47.953	0.003	47.981	0.006								
48.006	0.009	48.035	0.006	48.054	0.001	48.081	-0.002								
48.104	0.001	48.131	-0.012	48.155	-0.020	48.174	-0.025								

68.71 4/8/68 1830PST L.A. HOLLYWOOD STORAGE - P.E. LOT UP

1780 PCINTS 50.449 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0119 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.003	0.040	-0.001	0.081	-0.003	0.113	0.002	3.859	-0.006	3.852	-0.011	3.916	-0.016	3.940	-0.019
0.132	0.002	0.153	0.002	0.191	0.006	0.223	0.006	3.566	-0.009	4.002	-0.004	4.019	0.003	4.039	0.003
0.249	0.006	0.274	0.001	0.294	0.004	0.318	-0.001	4.077	-0.009	4.106	-0.002	4.126	0.003	4.182	0.003
0.336	-0.009	0.352	-0.016	0.369	-0.021	0.383	-0.019	4.158	0.006	4.232	0.010	4.264	0.015	4.284	0.010
0.358	-0.019	0.414	-0.016	0.429	-0.019	0.445	-0.026	4.321	0.005	4.335	0.013	4.365	0.018	4.393	0.018
0.457	-0.026	0.479	-0.024	0.497	-0.021	0.511	-0.021	4.421	0.010	4.447	0.010	4.472	0.008	4.509	0.003
0.528	-0.027	0.548	-0.019	0.569	-0.014	0.584	-0.014	4.552	-0.002	4.566	0.000	4.618	-0.005	4.647	-0.015
0.604	-0.009	0.620	-0.002	0.640	0.003	0.658	0.008	4.676	-0.013	4.718	-0.013	4.748	-0.015	4.771	-0.010
0.682	0.013	0.707	0.018	0.724	0.020	0.748	0.020	4.758	-0.005	4.830	-0.003	4.862	-0.003	4.888	-0.006
0.769	0.020	0.787	0.020	0.803	0.015	0.819	0.013	4.913	-0.011	4.943	-0.016	4.963	-0.016	4.951	-0.019
0.838	0.000	0.857	-0.002	0.869	-0.007	0.888	-0.005	5.030	-0.019	5.055	-0.017	5.064	-0.017	5.127	-0.019
0.902	-0.002	0.938	-0.005	0.960	-0.002	0.975	-0.010	5.176	-0.015	5.200	-0.015	5.239	-0.020	5.267	-0.020
0.952	-0.015	1.011	-0.020	1.029	-0.020	1.048	-0.013	5.258	-0.018	5.337	-0.013	5.373	-0.010	5.400	-0.010
1.071	-0.010	1.087	-0.008	1.108	-0.008	1.121	-0.008	5.424	-0.016	5.471	-0.008	5.510	-0.006	5.551	-0.002
1.135	-0.008	1.151	-0.013	1.165	-0.018	1.183	-0.013	5.570	-0.003	5.588	-0.011	5.615	-0.015	5.641	-0.010
1.199	-0.010	1.218	-0.011	1.229	-0.016	1.250	-0.011	5.666	-0.008	5.725	-0.008	5.743	-0.005	5.763	-0.002
1.267	-0.008	1.286	-0.001	1.305	-0.001	1.326	-0.001	5.780	-0.002	5.805	-0.010	5.828	-0.004	5.855	-0.002
1.346	-0.004	1.362	-0.001	1.381	0.001	1.400	0.009	5.906	-0.002	5.931	-0.001	5.950	-0.004	5.979	-0.011
1.419	0.011	1.434	0.013	1.446	0.011	1.465	0.006	5.959	-0.011	6.017	-0.013	6.041	-0.011	6.074	-0.006
1.483	0.001	1.505	0.006	1.526	0.008	1.546	0.005	6.096	-0.001	6.118	-0.002	6.141	0.005	6.164	0.005
1.513	0.005	1.600	0.005	1.621	0.003	1.643	-0.002	6.189	0.005	6.211	0.007	6.230	0.007	6.255	0.002
1.667	-0.007	1.686	-0.010	1.712	-0.010	1.734	-0.010	6.277	0.007	6.298	0.012	6.328	0.014	6.361	0.017
1.756	-0.008	1.777	-0.005	1.811	-0.008	1.830	-0.006	6.395	0.014	6.439	0.014	6.471	0.012	6.515	0.009
1.855	-0.001	1.874	-0.001	1.885	-0.008	1.904	-0.013	6.529	0.007	6.557	-0.003	6.577	-0.003	6.641	-0.003
1.924	-0.011	1.948	-0.009	1.963	-0.006	1.985	-0.001	6.588	0.003	6.706	-0.002	6.739	0.001	6.768	0.004
2.010	0.004	2.051	0.003	2.072	0.003	2.094	0.008	6.800	-0.001	6.826	-0.001	6.860	0.001	6.891	0.003
2.125	0.003	2.150	0.008	2.177	0.010	2.205	0.008	6.925	0.011	6.950	0.013	6.959	0.013	7.035	0.010
2.232	0.003	2.254	0.003	2.293	0.010	2.330	0.002	7.088	0.003	7.117	0.005	7.144	-0.003	7.171	-0.005
2.377	-0.000	2.399	-0.005	2.420	-0.013	2.434	-0.016	7.207	-0.011	7.226	-0.008	7.261	-0.003	7.305	0.004
2.456	-0.011	2.479	-0.006	2.498	-0.008	2.519	-0.011	7.352	0.006	7.403	0.009	7.467	0.006	7.501	0.008
2.542	-0.011	2.567	-0.009	2.613	-0.011	2.635	-0.007	7.452	0.006	7.592	0.000	7.623	0.000	7.649	0.000
2.663	-0.002	2.682	-0.007	2.710	-0.015	2.752	-0.005	7.680	0.000	7.712	-0.003	7.749	-0.003	7.788	-0.005
2.765	-0.000	2.845	-0.008	2.879	-0.001	2.907	0.002	7.827	-0.005	7.870	-0.005	7.912	-0.006	7.954	-0.006
2.948	0.001	2.987	0.009	3.015	-0.002	3.053	-0.009	7.990	-0.008	8.029	-0.008	8.064	-0.008	8.057	-0.008
3.052	-0.007	3.146	-0.017	3.186	-0.008	3.239	-0.011	8.126	-0.011	8.165	-0.008	8.200	-0.011	8.225	-0.011
3.302	-0.011	3.327	-0.004	3.354	0.001	3.392	-0.004	8.254	-0.006	8.284	-0.006	8.309	-0.006	8.336	-0.001
3.418	-0.009	3.454	-0.007	3.483	-0.002	3.506	0.003	8.370	0.002	8.407	0.006	8.439	0.009	8.436	0.009
3.534	-0.002	3.556	-0.005	3.592	-0.000	3.592	0.003	8.487	0.004	8.512	0.002	8.542	0.002	8.550	0.002
3.647	-0.010	3.674	-0.008	3.735	-0.003	3.735	-0.003	8.613	0.002	8.634	0.004	8.659	0.005	8.674	0.005
3.757	-0.003	3.783	-0.008	3.808	-0.004	3.830	-0.001	8.699	-0.000	8.733	-0.000	8.782	-0.003	8.822	-0.005

8.858	-0.005	8.887	-0.003	8.921	0.005	8.952	0.015	15.478	-0.004	15.501	-0.002	15.524	0.001	15.539	0.006
8.978	0.015	9.024	0.012	9.053	0.017	9.095	0.017	15.566	0.003	15.556	0.006	15.614	0.006	15.634	0.006
9.121	0.020	9.142	0.012	9.172	0.005	9.201	0.005	15.651	0.006	15.670	0.008	15.693	0.001	15.707	0.003
9.233	0.003	9.252	0.003	9.275	0.008	9.295	0.010	15.723	0.006	15.740	0.006	15.754	0.003	15.774	0.003
9.352	0.008	9.381	0.008	9.438	0.008	9.490	0.010	15.750	0.001	15.802	0.003	15.821	0.003	15.834	0.003
9.524	0.010	9.561	0.008	9.582	0.003	9.602	-0.005	15.853	0.003	15.863	0.001	15.889	-0.004	15.909	-0.007
9.622	-0.007	9.662	-0.007	9.727	-0.005	9.780	-0.005	15.926	-0.005	15.944	-0.002	15.967	0.000	15.985	0.005
9.817	-0.007	9.858	-0.007	9.884	-0.005	9.917	0.000	15.954	0.005	16.012	0.010	16.035	0.010	16.053	0.010
9.943	0.000	9.965	0.005	9.992	0.003	10.011	0.000	16.070	0.010	16.097	0.013	16.119	0.013	16.137	0.013
10.035	0.000	10.060	-0.005	10.083	-0.003	10.115	-0.002	16.158	0.013	16.180	0.008	16.198	0.005	16.213	0.005
10.128	0.000	10.159	-0.002	10.197	-0.005	10.258	-0.005	16.231	0.005	16.268	0.010	16.268	0.008	16.287	0.003
10.288	-0.005	10.308	-0.010	10.332	-0.015	10.360	-0.017	16.313	0.000	16.333	0.003	16.357	0.000	16.377	0.000
10.375	-0.015	10.410	-0.012	10.440	-0.007	10.478	0.003	16.358	0.003	16.421	0.003	16.444	0.003	16.462	0.008
10.513	0.008	10.532	0.010	10.556	0.013	10.578	0.013	16.486	0.008	16.509	0.005	16.535	0.003	16.557	0.005
10.619	0.010	10.658	0.003	10.685	0.003	10.719	0.000	16.580	0.003	16.601	-0.002	16.623	-0.005	16.641	0.000
10.748	-0.005	10.783	-0.010	10.817	-0.012	10.842	-0.010	16.668	-0.002	16.691	-0.002	16.718	-0.002	16.740	-0.005
10.870	-0.012	10.891	-0.010	10.903	-0.012	10.932	-0.005	16.763	-0.002	16.781	0.000	16.795	0.000	16.821	-0.005
10.969	-0.002	10.995	0.000	11.043	0.000	11.078	-0.005	16.838	0.003	16.859	0.003	16.885	0.003	16.906	0.003
11.109	-0.002	11.137	0.003	11.168	0.005	11.186	0.005	16.932	0.000	16.954	0.000	16.974	0.003	16.997	-0.002
11.203	0.003	11.229	0.000	11.260	0.000	11.300	0.000	17.021	-0.005	17.042	0.000	17.065	0.000	17.087	0.000
11.354	0.000	11.407	0.000	11.472	-0.005	11.535	-0.005	17.105	0.003	17.122	0.005	17.145	0.003	17.163	0.003
11.576	-0.005	11.650	-0.005	11.696	-0.005	11.767	-0.005	17.186	0.013	17.203	0.013	17.227	0.013	17.251	0.010
11.757	-0.002	11.834	-0.010	11.888	-0.012	11.940	-0.012	17.282	0.008	17.314	0.000	17.338	-0.005	17.362	0.003
11.980	-0.005	12.003	0.005	12.031	0.010	12.051	0.008	17.396	0.003	17.434	0.005	17.461	0.005	17.485	0.003
12.056	0.005	12.136	0.005	12.193	0.005	12.235	0.005	17.507	0.003	17.533	0.000	17.558	-0.002	17.583	0.000
12.264	0.003	12.297	0.005	12.333	0.010	12.369	0.008	17.602	0.000	17.642	0.000	17.662	0.000	17.655	0.005
12.405	0.008	12.438	0.003	12.466	0.003	12.496	0.000	17.680	0.003	17.657	-0.000	17.715	-0.000	17.733	-0.000
12.536	0.000	12.572	-0.005	12.591	-0.007	12.633	-0.012	17.756	-0.002	17.774	-0.000	17.789	-0.000	17.810	-0.003
12.659	-0.015	12.694	-0.017	12.736	-0.017	12.776	-0.019	17.828	-0.005	17.845	-0.005	17.865	-0.008	17.884	-0.008
12.803	-0.019	12.837	-0.017	12.866	-0.012	12.885	-0.009	17.902	-0.008	17.916	-0.010	17.934	-0.008	17.951	-0.003
12.913	-0.009	12.959	-0.007	13.010	-0.006	13.050	-0.004	17.970	-0.003	17.958	-0.003	18.035	-0.003	18.052	-0.001
13.084	-0.004	13.111	-0.006	13.136	-0.004	13.159	-0.004	18.079	-0.001	18.102	-0.001	18.125	-0.002	18.146	-0.001
13.202	-0.004	13.254	-0.003	13.303	-0.003	13.363	-0.005	18.164	0.002	18.191	0.004	18.209	-0.001	18.234	-0.001
13.436	-0.005	13.494	-0.002	13.536	0.003	13.565	0.008	18.256	-0.001	18.276	-0.001	18.293	-0.001	18.308	0.001
13.608	0.008	13.644	0.016	13.658	0.016	13.696	0.006	18.328	0.006	18.355	0.003	18.384	0.003	18.418	0.006
13.715	0.004	13.757	0.001	13.786	-0.006	13.818	-0.011	18.433	0.006	18.450	0.006	18.476	0.003	18.492	0.005
13.848	-0.011	13.868	-0.016	13.906	-0.015	13.940	-0.015	18.508	0.013	18.526	0.018	18.540	0.018	18.565	0.018
13.957	-0.015	14.035	-0.010	14.064	-0.007	14.102	-0.002	18.587	0.018	18.616	0.015	18.638	0.017	18.657	0.010
14.137	0.001	14.171	0.001	14.192	0.008	14.227	0.013	18.681	0.005	18.702	0.002	18.727	0.002	18.742	0.002
14.255	0.011	14.280	0.009	14.305	0.004	14.326	0.009	18.762	0.003	18.781	0.005	18.796	0.002	18.813	-0.000
14.347	0.012	14.375	0.017	14.354	0.009	14.423	0.014	18.831	-0.003	18.849	-0.003	18.869	-0.005	18.892	-0.008
14.448	0.012	14.466	0.014	14.481	0.017	14.496	0.015	18.912	-0.008	18.931	-0.010	18.951	-0.008	18.975	-0.003
14.513	0.015	14.527	0.010	14.543	0.007	14.559	0.012	18.954	-0.003	19.013	-0.000	19.039	0.002	19.066	0.002
14.575	0.012	14.585	0.012	14.600	0.012	14.612	0.010	19.092	0.002	19.113	-0.000	19.132	-0.000	19.151	0.005
14.632	0.007	14.645	0.008	14.664	0.008	14.680	0.008	19.175	0.005	19.200	0.002	19.227	0.002	19.251	0.002
14.693	0.008	14.706	0.010	14.718	0.013	14.733	0.013	19.279	-0.000	19.303	-0.000	19.328	-0.000	19.346	0.005
14.747	0.013	14.759	0.013	14.772	0.015	14.792	0.015	19.372	0.007	19.395	0.012	19.410	0.015	19.431	0.015
14.804	0.016	14.821	0.013	14.836	0.013	14.858	0.013	19.451	0.012	19.475	0.007	19.495	0.007	19.516	0.007
14.878	0.013	14.905	0.016	14.921	0.016	14.940	0.016	19.536	0.007	19.560	0.005	19.586	0.005	19.615	0.005
14.959	0.013	14.976	0.011	14.995	0.008	15.013	0.006	19.640	0.002	19.672	0.005	19.701	0.005	19.727	0.005
15.034	0.006	15.054	0.006	15.072	0.006	15.090	0.003	19.754	0.007	19.775	0.005	19.798	0.005	19.823	0.005
15.107	0.006	15.125	0.001	15.144	-0.002	15.161	-0.002	19.841	0.002	19.864	-0.000	19.886	-0.003	19.912	-0.000
15.178	-0.002	15.217	-0.004	15.217	-0.004	15.233	0.001	19.931	0.002	19.954	0.005	19.976	0.007	19.996	0.007
15.253	-0.001	15.271	0.001	15.288	-0.001	15.300	-0.004	20.023	0.007	20.046	0.012	20.063	0.012	20.080	0.022
15.315	-0.001	15.332	0.001	15.350	-0.001	15.366	0.001	20.093	0.019	20.115	0.019	20.135	0.012	20.167	0.009
15.383	0.003	15.410	0.003	15.433	0.001	15.453	-0.002	20.194	0.007	20.214	0.004	20.240	-0.001	20.260	-0.001

20.286	-0.006	20.312	-0.006	20.336	-0.008	20.361	-0.011	27.321	0.014	27.377	0.014	27.409	C.002	27.430	C.007
20.383	-0.013	20.405	-0.013	20.428	-0.011	20.446	-0.008	27.466	0.012	27.497	0.015	27.528	C.017	27.566	C.015
20.470	-0.008	20.495	-0.006	20.524	-0.008	20.554	-0.006	27.613	C.007	27.636	-0.005	27.661	-C.007	27.698	-0.010
20.580	-C.006	20.604	-0.008	20.629	-0.011	20.649	-0.013	27.742	-C.010	27.782	-0.015	27.816	-0.017	27.843	-C.015
20.676	-0.011	20.699	-0.008	20.722	-0.003	20.739	-0.003	27.883	-0.015	27.930	-0.012	27.964	-0.025	27.990	-0.020
20.762	-0.002	20.787	-0.004	20.807	-0.004	20.833	-0.000	28.026	-C.020	28.049	-C.020	28.093	-0.020	28.119	-0.022
20.856	-0.005	20.879	-0.003	20.903	-0.003	20.923	-0.003	28.152	-0.042	28.185	-0.042	28.230	-C.041	28.270	-C.031
20.949	-0.008	20.980	-0.010	21.014	-0.013	21.042	-0.013	28.317	-0.011	28.360	-0.006	28.404	0.002	28.455	-0.003
21.065	-C.010	21.088	-0.010	21.106	-0.010	21.124	-0.010	28.493	-C.000	28.526	0.005	28.568	0.003	28.608	0.008
21.146	-0.008	21.164	-0.003	21.183	-0.000	21.200	0.002	28.802	C.005	28.818	0.006	28.835	0.003	28.848	0.001
21.223	0.005	21.241	0.005	21.266	0.017	21.292	0.007	28.813	C.006	28.858	0.016	28.917	0.026	28.950	0.031
21.329	C.008	21.352	0.008	21.376	0.013	21.401	0.018	28.979	-0.031	29.002	0.009	29.023	0.034	29.045	0.026
21.422	-0.020	21.438	0.018	21.456	0.018	21.471	0.020	29.067	0.019	29.092	0.009	29.121	0.009	29.151	0.009
21.493	0.018	21.519	0.015	21.541	0.015	21.562	0.010	29.182	C.010	29.209	0.017	29.246	0.022	29.270	0.017
21.588	0.003	21.619	0.005	21.642	-0.002	21.659	0.000	29.301	0.017	29.330	0.017	29.346	0.017	29.374	C.013
21.680	0.005	21.700	0.005	21.723	0.005	21.752	0.000	29.404	C.005	29.430	-0.005	29.460	-0.012	29.499	-0.015
21.763	0.005	21.788	0.005	21.803	0.008	21.820	0.008	29.525	-0.017	29.564	-0.014	29.586	-C.017	29.605	-0.019
21.846	0.003	21.867	-0.005	21.895	0.000	21.918	0.000	29.630	-0.019	29.655	-0.024	29.688	-C.027	29.723	-C.029
22.051	-0.002	22.094	-0.002	22.134	-0.005	22.177	-0.005	29.748	-0.001	29.795	0.002	29.828	C.009	29.836	-C.011
22.214	-0.010	22.250	-0.010	22.296	-0.012	22.316	-0.009	29.865	-0.001	29.895	0.002	29.928	C.009	29.939	C.020
22.345	-0.007	22.375	-0.007	22.422	-0.007	22.456	-0.002	29.991	0.022	30.022	0.022	30.056	C.022	30.081	C.012
22.489	-0.002	22.533	-0.002	22.578	0.003	22.615	-0.004	30.107	-0.042	30.138	-0.012	30.167	-0.025	30.198	-0.035
22.665	0.001	22.722	-0.004	22.780	-0.001	22.830	-0.011	30.220	-0.042	30.251	-C.049	30.273	-C.052	30.295	-C.037
22.894	-C.006	22.968	-0.001	23.009	0.002	23.041	-0.003	30.330	-0.027	30.363	-0.014	30.397	-0.002	30.424	0.006
23.065	-0.001	23.103	0.004	23.142	-0.003	23.181	-0.001	30.453	C.013	30.486	C.014	30.525	C.014	30.559	C.004
23.230	-0.005	23.267	-0.008	23.305	-0.003	23.356	0.005	30.578	-0.006	30.593	0.010	30.618	-0.015	30.639	-C.010
23.346	C.010	23.432	0.015	23.458	0.007	23.490	0.003	30.659	C.000	30.693	0.005	30.715	C.010	30.739	0.013
23.531	0.010	23.582	0.010	23.621	0.013	23.655	0.008	30.762	-0.008	30.787	0.003	30.811	-C.002	30.829	-0.012
23.692	0.003	23.729	0.006	23.764	0.011	23.791	0.003	30.856	-0.019	30.883	-0.026	30.909	-C.026	30.934	-C.018
23.825	0.001	23.872	-0.004	23.899	-0.006	23.924	-0.011	30.947	-0.013	30.975	-0.008	30.998	-C.008	31.019	-0.013
23.958	-0.008	23.992	-0.008	24.016	-0.003	24.041	0.002	31.044	-0.016	31.070	-0.008	31.092	-C.006	31.115	C.002
24.078	0.002	24.103	0.005	24.129	0.007	24.157	0.007	31.139	0.011	31.163	0.014	31.186	C.021	31.211	0.029
24.182	0.010	24.211	0.005	24.234	0.005	24.274	0.006	31.236	C.031	31.261	0.029	31.286	C.027	31.307	0.019
24.304	0.003	24.332	0.008	24.356	0.003	24.389	0.001	31.330	0.009	31.355	-0.001	31.377	-C.010	31.410	-C.020
24.413	-0.006	24.443	-0.008	24.464	-0.016	24.494	-0.013	31.437	-0.030	31.462	-0.033	31.492	-C.030	31.523	-C.015
24.519	-0.008	24.554	-0.008	24.594	-0.012	24.631	-0.017	31.558	-0.010	31.583	-0.010	31.600	-C.007	31.625	-0.005
24.673	-0.019	24.734	-0.018	24.757	-0.023	24.797	-0.031	31.657	-C.002	31.674	-0.002	31.705	C.000	31.730	-C.007
24.834	-C.018	24.873	-0.022	24.921	-0.029	24.977	-0.031	31.757	C.005	31.783	C.013	31.808	C.020	31.833	C.023
25.016	-0.034	25.039	-0.023	25.075	-0.013	25.106	-0.023	31.858	C.023	31.877	C.018	31.908	C.020	31.930	C.023
25.137	-0.013	25.168	-0.013	25.205	-0.017	25.239	-0.012	31.956	0.025	31.981	0.025	32.002	0.025	32.020	0.025
25.275	-0.017	25.308	-0.022	25.339	-0.019	25.374	-0.017	32.039	0.028	32.059	0.035	32.086	0.030	32.105	C.033
25.410	-0.005	25.438	-0.004	25.458	0.001	25.480	-0.004	32.125	C.026	32.150	0.021	32.176	0.018	32.200	0.011
25.506	-0.011	25.539	-0.018	25.572	-0.018	25.609	-0.016	32.218	0.008	32.248	C.006	32.273	C.006	32.305	C.006
25.646	-0.018	25.671	-0.018	25.701	-0.010	25.732	-0.013	32.330	0.004	32.349	0.002	32.366	0.002	32.381	C.002
25.764	-0.018	25.792	-0.020	25.830	-0.017	25.851	-0.017	32.405	C.002	32.425	-C.003	32.450	-C.000	32.468	-0.003
25.892	-0.012	25.926	-0.002	25.946	0.010	25.980	0.010	32.493	-0.008	32.523	-0.013	32.545	-C.020	32.577	-C.022
26.019	C.010	26.056	-0.020	26.085	0.020	26.133	0.008	32.611	-C.027	32.641	-0.030	32.676	-C.032	32.704	-C.027
26.164	0.010	26.199	0.008	26.235	0.005	26.267	0.010	32.745	-0.024	32.776	-0.019	32.804	-0.007	32.832	0.001
26.296	0.005	26.338	0.000	26.379	0.000	26.412	-0.010	32.852	C.008	32.879	C.011	32.902	C.008	32.930	C.001
26.471	-C.007	26.509	-0.005	26.529	0.000	26.562	-0.007	32.953	-0.002	32.975	-0.006	32.996	-C.006	33.022	C.001
26.596	-0.002	26.680	-0.002	26.725	-0.007	26.749	0.006	33.053	0.007	33.076	C.007	33.101	C.007	33.124	C.005
26.806	0.003	26.842	0.003	26.876	0.009	26.904	0.014	33.154	-0.003	33.184	C.000	33.210	C.000	33.241	0.001
26.929	0.011	26.967	0.017	27.005	0.009	27.024	0.009	33.270	C.006	33.303	C.011	33.327	C.016	33.357	C.021
27.066	0.012	27.103	0.017	27.142	0.018	27.176	0.028	33.386	-0.019	33.420	0.012	33.446	0.002	33.473	-0.005
27.158	C.038	27.225	0.035	27.256	0.028	27.292	0.021	33.506	-0.012	33.540	-0.012	33.571	-0.012	33.607	-C.005
								33.639	-0.004	33.670	-0.002	33.696	-C.002	33.738	-0.001

33.774	-0.001	33.810	0.001	33.858	0.004	33.889	-0.001	40.168	0.023	40.204	0.023	40.238	0.018	40.274	0.015
33.919	-0.002	33.944	0.005	33.967	0.007	33.996	0.007	40.309	-0.015	40.338	-0.008	40.370	-0.010	40.390	-0.002
34.031	0.010	34.060	0.013	34.084	0.020	34.112	0.025	40.415	-0.007	40.440	-0.010	40.470	-0.010	40.493	-0.015
34.141	0.028	34.169	0.026	34.191	0.018	34.216	0.006	40.523	-0.012	40.554	-0.012	40.581	-0.010	40.609	-0.007
34.244	-0.001	34.257	-0.006	34.280	-0.011	34.307	-0.009	40.669	-0.005	40.704	-0.010	40.735	-0.017	40.771	-0.017
34.337	-0.011	34.363	-0.011	34.391	-0.008	34.453	-0.003	40.813	-0.017	40.847	-0.017	40.877	-0.019	40.919	-0.027
34.471	-0.000	34.506	0.002	34.537	0.005	34.575	0.007	40.939	-0.019	40.969	-0.021	41.000	-0.021	41.039	-0.021
34.608	0.005	34.644	0.003	34.674	-0.002	34.705	-0.010	41.064	-0.018	41.087	-0.021	41.116	-0.023	41.144	-0.025
34.742	-0.012	34.770	-0.012	34.805	-0.002	34.827	-0.005	41.169	-0.028	41.200	-0.025	41.234	-0.025	41.271	-0.020
34.856	0.013	34.901	0.025	34.934	0.030	34.968	0.038	41.309	-0.020	41.338	-0.012	41.374	-0.012	41.408	-0.007
35.005	0.040	35.042	0.043	35.076	0.038	35.109	0.031	41.443	0.000	41.474	0.003	41.511	0.003	41.545	0.006
35.136	0.018	35.177	0.013	35.207	0.011	35.249	0.011	41.587	0.008	41.615	0.013	41.654	0.016	41.698	0.010
35.280	0.011	35.305	0.011	35.329	0.013	35.354	0.013	41.735	-0.011	41.770	0.009	41.808	0.006	41.844	-0.006
35.388	0.013	35.422	0.013	35.453	0.013	35.487	0.011	41.881	-0.008	41.917	-0.010	41.952	-0.013	41.982	-0.010
35.516	-0.013	35.544	0.018	35.576	0.020	35.602	0.020	42.019	-0.015	42.052	-0.015	42.090	-0.015	42.124	-0.014
35.627	-0.020	35.653	0.022	35.675	0.020	35.699	0.017	42.162	-0.014	42.188	-0.009	42.229	-0.001	42.270	-0.009
35.730	0.020	35.758	0.017	35.791	0.012	35.816	0.012	42.256	0.009	42.321	0.009	42.351	0.014	42.376	-0.020
35.840	0.005	35.868	-0.010	35.891	-0.017	35.917	-0.022	42.399	0.017	42.425	0.013	42.452	0.010	42.468	0.003
35.954	-0.022	35.985	-0.022	36.018	-0.017	36.046	-0.009	42.488	-0.004	42.518	-0.009	42.543	-0.011	42.564	-0.018
36.077	-0.009	36.101	-0.007	36.124	-0.002	36.153	0.003	42.593	-0.018	42.614	-0.013	42.646	-0.010	42.667	-0.005
36.186	0.003	36.215	0.003	36.250	0.003	36.285	0.003	42.689	0.000	42.713	0.005	42.739	0.006	42.762	0.006
36.310	-0.008	36.334	-0.010	36.356	-0.023	36.377	-0.023	42.782	-0.008	42.804	-0.011	42.829	0.011	42.854	0.011
36.413	-0.029	36.451	-0.026	36.483	-0.022	36.515	-0.012	42.874	0.014	42.894	0.017	42.919	0.019	42.941	0.022
36.541	-0.012	36.566	-0.010	36.592	-0.013	36.617	-0.010	42.961	-0.022	42.981	-0.022	43.003	-0.020	43.023	0.017
36.635	-0.005	36.660	-0.006	36.681	-0.003	36.706	-0.003	43.045	-0.020	43.066	-0.022	43.091	-0.020	43.114	0.013
36.726	-0.001	36.746	-0.001	36.774	-0.003	36.796	-0.001	43.141	0.010	43.164	0.003	43.194	0.005	43.223	0.005
36.818	0.004	36.842	0.009	36.864	0.014	36.898	0.014	43.247	0.003	43.278	0.003	43.306	0.003	43.334	0.003
36.926	0.017	36.957	0.017	36.988	0.012	37.016	0.010	43.365	0.008	43.392	0.003	43.425	0.003	43.447	0.003
37.044	0.002	37.077	-0.002	37.097	-0.002	37.122	-0.002	43.472	-0.000	43.501	-0.005	43.529	-0.002	43.555	-0.005
37.149	0.000	37.180	0.000	37.218	0.008	37.242	0.010	43.590	-0.007	43.623	-0.012	43.659	-0.005	43.689	-0.002
37.276	0.013	37.304	0.015	37.335	0.013	37.369	0.008	43.719	0.000	43.747	0.008	43.775	0.005	43.808	0.007
37.396	0.005	37.424	0.005	37.459	0.000	37.490	0.000	43.835	0.012	43.863	0.012	43.890	0.015	43.923	0.012
37.520	-0.002	37.554	-0.004	37.593	-0.002	37.629	0.008	43.953	0.017	43.978	0.017	44.005	0.014	44.030	0.012
37.661	0.013	37.685	0.016	37.705	0.016	37.731	0.019	44.055	-0.012	44.080	-0.012	44.120	-0.001	44.157	-0.001
37.753	0.011	37.784	0.004	37.808	-0.001	37.828	-0.011	44.195	-0.003	44.231	-0.003	44.276	-0.001	44.306	-0.003
37.852	-0.013	37.875	-0.011	37.912	-0.010	37.933	-0.005	44.332	-0.003	44.358	-0.003	44.385	-0.008	44.413	-0.005
37.959	-0.003	38.003	0.002	38.025	0.002	38.057	-0.000	44.435	-0.005	44.470	-0.008	44.498	-0.005	44.522	-0.007
38.082	0.000	38.106	0.000	38.131	0.003	38.156	0.003	44.555	-0.012	44.576	-0.017	44.617	-0.015	44.650	-0.022
38.184	0.004	38.207	-0.000	38.231	0.000	38.255	-0.004	44.680	-0.019	44.711	-0.021	44.739	-0.019	44.859	-0.016
38.280	-0.004	38.304	-0.002	38.324	-0.004	38.356	-0.004	44.805	-0.018	44.838	-0.021	44.874	-0.018	44.895	-0.016
38.381	-0.002	38.411	-0.002	38.439	-0.001	38.462	-0.001	44.923	-0.018	44.953	-0.013	44.982	-0.008	45.006	-0.008
38.489	0.001	38.512	0.001	38.534	-0.001	38.551	-0.001	45.036	-0.003	45.064	-0.003	45.094	0.005	45.123	0.008
38.574	-0.001	38.598	-0.003	38.622	-0.008	38.649	-0.003	45.155	0.008	45.180	0.008	45.200	0.010	45.224	0.013
38.678	-0.000	38.706	-0.000	38.731	0.002	38.756	0.005	45.247	0.015	45.274	0.015	45.305	0.015	45.333	0.018
38.783	0.012	38.839	0.010	38.873	0.015	38.906	0.015	45.369	0.015	45.400	0.020	45.423	0.020	45.447	0.020
38.857	0.018	38.925	0.018	38.947	0.020	38.976	0.020	45.481	0.018	45.504	0.013	45.526	0.008	45.550	0.006
38.999	0.020	39.030	0.020	39.053	0.020	39.084	0.015	45.575	0.001	45.604	0.001	45.635	-0.002	45.662	-0.002
39.138	0.000	39.169	0.003	39.199	0.000	39.220	0.000	45.693	-0.004	45.726	-0.006	45.756	-0.006	45.786	-0.006
39.235	0.000	39.255	-0.002	39.280	-0.005	39.320	-0.002	45.824	-0.003	45.859	-0.003	45.889	-0.000	45.920	-0.000
39.346	-0.002	39.374	-0.002	39.401	-0.005	39.427	0.000	45.961	0.003	45.996	0.003	46.032	0.006	46.073	0.006
39.452	0.000	39.478	0.003	39.501	0.008	39.538	0.008	46.106	0.004	46.128	0.007	46.149	0.007	46.190	0.007
39.571	0.010	39.608	0.013	39.642	0.010	39.673	0.010	46.210	0.010	46.236	0.007	46.253	0.005	46.272	0.005
39.704	0.008	39.729	0.005	39.760	0.005	39.791	0.008	46.299	0.005	46.326	0.005	46.351	0.008	46.376	0.006
39.824	0.008	39.853	0.008	39.878	0.008	39.906	0.010	46.358	0.008	46.425	0.006	46.456	0.008	46.474	0.011
39.943	0.008	39.971	0.008	39.999	0.010	40.030	0.010	46.489	0.011	46.515	0.014	46.545	0.014	46.570	0.019
40.058	0.013	40.085	0.013	40.108	0.018	40.134	0.018	46.558	0.016	46.628	0.014	46.661	0.011	46.688	0.011

46.716	0.009	46.746	0.001	46.789	-0.004	46.820	-0.006
46.848	-0.009	46.881	-0.009	46.914	-0.009	46.953	-0.009
46.988	-0.012	47.024	-0.014	47.071	-0.015	47.099	-0.015
47.135	-0.015	47.170	-0.015	47.200	-0.020	47.234	-0.020
47.267	-0.015	47.310	-0.003	47.348	-0.003	47.381	-0.000
47.416	0.005	47.471	0.007	47.533	0.010	47.568	0.010
47.610	0.013	47.649	0.015	47.686	0.010	47.717	0.008
47.739	0.010	47.765	0.008	47.807	0.007	47.838	0.005
47.868	0.007	47.905	0.010	47.933	0.012	47.969	0.015
48.000	0.017	48.027	0.017	48.054	0.015	48.091	0.012
48.115	0.005	48.140	0.000	48.171	0.000	48.206	-0.005
48.236	-0.004	48.265	-0.004	48.302	-0.009	48.338	-0.008
48.369	-0.005	48.403	-0.003	48.445	-0.002	48.465	0.000
48.503	0.001	48.536	-0.002	48.556	0.001	48.587	-0.004
48.616	-0.001	48.644	-0.001	48.675	-0.003	48.704	-0.006
48.737	-0.011	48.770	-0.013	48.809	-0.018	48.844	-0.023
48.880	-0.025	48.923	-0.023	48.958	-0.018	48.995	-0.012
49.024	-0.007	49.064	-0.006	49.092	-0.009	49.123	-0.006
49.149	-0.008	49.179	-0.010	49.215	-0.009	49.249	-0.012
49.281	-0.011	49.304	-0.011	49.321	-0.006	49.349	-0.005
49.374	-0.002	49.399	-0.002	49.422	-0.002	49.448	-0.004
49.474	-0.004	49.507	-0.001	49.535	0.004	49.559	-0.001
49.592	0.002	49.610	0.002	49.638	0.005	49.669	0.005
49.700	0.008	49.729	0.008	49.754	0.013	49.792	0.014
49.820	0.014	49.846	0.017	49.888	0.023	49.912	0.023
49.932	0.024	49.962	0.027	49.996	0.032	50.035	0.030
50.072	0.028	50.105	0.024	50.138	0.024	50.167	0.025
50.202	0.020	50.239	0.020	50.271	0.015	50.306	0.010
50.348	0.010	50.394	0.008	50.431	0.003	50.449	0.003

1Y381

68-025. 4/8/68 1830PST HOLLYWOOD STORAGE, PENTHOUSE, LOS ANGELES, CAL. SOUTH

3151 POINTS 60.482 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0766 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.030	0.019	-0.035	0.044	-0.040	0.086	-0.040	0.074	-0.034	0.099	-0.035	0.137	-0.036	0.148	-0.036	0.167	-0.036	0.180	-0.036
0.107	-0.040	0.137	-0.045	0.154	-0.045	0.170	-0.045	0.180	-0.032	0.222	-0.033	0.235	-0.033	0.257	-0.033	0.274	-0.033	0.286	-0.033
0.191	-0.045	0.224	-0.045	0.264	-0.041	0.293	-0.036	0.286	-0.034	0.299	-0.034	0.324	-0.020	0.349	-0.001	0.363	-0.036	0.378	-0.036
0.335	-0.026	0.338	-0.017	0.362	-0.017	0.408	-0.007	0.437	0.008	0.402	0.027	0.431	0.036	0.463	0.036	0.482	0.036	0.501	0.045
0.432	-0.002	0.452	0.016	0.482	0.026	0.508	0.036	0.501	0.045	0.532	0.049	0.563	0.054	0.592	0.068	0.618	0.072	0.648	0.072
0.531	-0.035	0.554	0.035	0.580	0.040	0.609	0.050	0.618	0.072	0.636	0.072	0.659	0.072	0.691	0.053	0.708	0.072	0.740	0.013
0.634	0.030	0.653	0.021	0.679	0.011	0.695	-0.003	0.708	0.011	0.740	0.019	0.769	0.013	0.791	0.004	0.804	0.013	0.822	-0.009
0.722	-0.003	0.735	-0.013	0.762	-0.013	0.787	-0.013	0.822	-0.009	0.858	-0.026	0.885	-0.035	0.909	-0.055	0.922	-0.035	0.949	-0.069
0.804	-0.013	0.819	-0.013	0.837	-0.013	0.858	-0.013	0.929	-0.059	0.951	-0.069	0.973	-0.074	0.999	-0.069	1.019	-0.074	1.048	-0.069
0.873	-0.013	0.896	-0.013	0.921	-0.013	0.936	-0.013	0.949	-0.069	0.952	-0.059	0.984	-0.045	1.010	-0.026	1.024	-0.045	1.048	-0.045
0.976	-0.013	0.987	0.001	1.011	0.010	1.049	0.010	1.049	-0.016	1.071	0.007	1.093	0.003	1.110	0.017	1.124	0.003	1.148	0.017
1.068	0.010	1.098	0.020	1.123	0.020	1.157	0.020	1.249	0.027	1.273	0.032	1.303	0.041	1.324	0.041	1.348	0.041	1.372	0.041
1.179	0.020	1.200	0.020	1.223	0.010	1.265	0.0	1.338	0.041	1.356	0.032	1.377	0.022	1.403	0.003	1.424	0.022	1.448	0.003
1.251	-0.024	1.308	-0.034	1.334	-0.039	1.357	-0.044	1.426	-0.021	1.449	-0.031	1.476	-0.031	1.506	-0.032	1.524	-0.031	1.548	-0.032
1.385	-0.049	1.410	-0.058	1.434	-0.063	1.455	-0.068	1.522	-0.032	1.545	-0.032	1.572	-0.032	1.596	-0.032	1.624	-0.032	1.648	-0.032
1.476	-0.064	1.500	-0.064	1.525	-0.059	1.551	-0.050	1.648	-0.017	1.680	-0.026	1.710	-0.026	1.722	-0.028	1.746	-0.026	1.778	-0.029
1.577	-0.026	1.614	-0.017	1.648	0.007	1.680	0.026	1.767	0.063	1.879	0.081	1.909	0.052	1.939	0.052	1.967	0.052	2.000	0.052
1.710	0.040	1.736	0.049	1.767	0.063	1.791	0.077	1.860	0.081	1.879	0.081	1.909	0.052	1.939	0.052	1.967	0.052	2.000	0.052
1.810	0.082	1.839	0.082	1.860	0.081	1.879	0.081	1.909	0.052	1.939	0.052	1.967	0.052	1.999	0.045	2.024	0.045	2.048	0.045
1.897	0.071	1.921	0.066	1.937	0.056	1.956	0.051	1.972	0.056	1.999	0.056	2.024	0.045	2.048	0.045	2.072	0.045	2.096	0.045
1.974	0.041	2.006	0.032	2.024	0.031	2.042	0.012	2.066	0.040	2.086	0.026	2.106	0.011	2.126	0.004	2.146	0.011	2.166	0.004
2.059	-0.003	2.078	-0.013	2.095	-0.018	2.116	-0.023	2.136	-0.023	2.156	-0.023	2.176	-0.023	2.196	-0.023	2.216	-0.023	2.236	-0.023
2.137	-0.028	2.157	-0.033	2.176	-0.033	2.196	-0.033	2.216	-0.033	2.236	-0.033	2.256	-0.033	2.276	-0.033	2.296	-0.033	2.316	-0.033
2.215	-0.029	2.244	-0.024	2.266	-0.020	2.291	-0.020	2.316	-0.020	2.341	-0.020	2.366	-0.020	2.391	-0.020	2.416	-0.020	2.441	-0.020
2.312	-0.006	2.334	-0.001	2.362	0.008	2.383	0.013	2.408	0.009	2.433	0.009	2.458	0.009	2.483	0.009	2.508	0.009	2.533	0.009
2.409	0.017	2.436	0.017	2.459	0.017	2.483	0.017	2.508	0.017	2.533	0.017	2.558	0.017	2.583	0.017	2.608	0.017	2.633	0.017
2.530	0.012	2.561	0.012	2.578	0.003	2.600	-0.017	2.624	0.016	2.648	-0.006	2.672	-0.018	2.696	-0.018	2.720	-0.018	2.744	-0.018
2.628	-0.022	2.649	-0.032	2.672	-0.042	2.700	-0.051	2.724	-0.051	2.748	-0.051	2.772	-0.051	2.796	-0.051	2.820	-0.051	2.844	-0.051
2.721	-0.052	2.741	-0.052	2.779	-0.052	2.795	-0.052	2.820	-0.052	2.844	-0.052	2.868	-0.052	2.892	-0.052	2.916	-0.052	2.940	-0.052
2.809	-0.052	2.835	-0.062	2.850	-0.062	2.877	-0.057	2.901	-0.057	2.925	-0.057	2.949	-0.057	2.973	-0.057	2.997	-0.057	3.021	-0.057
2.858	-0.058	2.938	-0.043	2.972	-0.033	3.011	-0.014	3.044	-0.014	3.077	-0.014	3.110	-0.014	3.143	-0.014	3.176	-0.014	3.209	-0.014
3.050	0.024	3.074	0.038	3.113	0.053	3.141	0.076	3.176	0.076	3.209	0.076	3.242	0.076	3.275	0.076	3.308	0.076	3.341	0.076
3.170	0.081	3.193	0.086	3.230	0.100	3.261	0.091	3.296	0.091	3.330	0.091	3.364	0.091	3.398	0.091	3.432	0.091	3.466	0.091
3.284	0.081	3.315	0.066	3.336	0.066	3.365	0.037	3.398	0.037	3.432	0.037	3.466	0.037	3.500	0.037	3.534	0.037	3.568	0.037
3.352	0.013	3.425	0.013	3.454	-0.007	3.484	-0.021	3.518	-0.021	3.552	-0.021	3.586	-0.021	3.620	-0.021	3.654	-0.021	3.688	-0.021
3.586	-0.047	3.614	-0.042	3.639	-0.038	3.667	-0.024	3.696	-0.024	3.725	-0.024	3.754	-0.024	3.783	-0.024	3.812	-0.024	3.841	-0.024
3.653	-0.014	3.725	-0.005	3.766	0.004	3.797	0.004	3.828	0.004	3.859	0.004	3.890	0.004	3.921	0.004	3.952	0.004	3.983	0.004
3.830	0.013	3.870	0.012	3.895	0.017	3.928	0.021	3.961	0.021	3.994	0.021	4.027	0.021	4.060	0.021	4.093	0.021	4.126	0.021
3.957	0.016	3.984	0.006	4.013	-0.014	4.042	-0.029	4.071	-0.029	4.100	-0.029	4.129	-0.029	4.158	-0.029	4.187	-0.029	4.216	-0.029

8.600	-C.006	8.636	0.003	8.668	0.012	8.709	0.012	14.360	-0.063	14.377	-0.053	14.399	-0.044	14.423	-0.034
8.743	0.012	8.781	0.012	8.826	0.011	8.840	0.011	14.447	-0.015	14.466	-0.005	14.487	0.005	14.507	0.009
8.888	-C.008	8.922	-0.018	8.959	-0.038	8.995	-0.053	14.529	0.019	14.554	0.024	14.570	0.024 ²	14.596	0.029
9.026	-C.058	9.063	-0.063	9.092	-0.059	9.110	-0.053	14.620	0.038	14.646	0.043	14.664	0.043	14.682	0.043
9.137	-C.060	9.165	-0.055	9.194	-0.051	9.228	-0.042	14.656	0.039	14.714	0.034	14.728	0.034	14.739	0.034
9.278	-C.023	9.311	-0.014	9.348	0.0	9.375	0.023	14.752	0.034	14.772	0.024	14.797	0.015	14.824	0.010
9.420	0.037	9.452	0.051	9.500	0.056	9.543	0.051	14.847	0.005	14.867	0.005	14.876	0.005	14.893	0.005
9.567	0.051	9.620	0.041	9.641	0.016	9.684	-0.027	14.913	0.005	14.944	-0.004	14.967	-0.014	14.991	-0.019
9.723	-0.037	9.793	-0.037	9.807	-0.037	9.835	-0.033	15.015	-0.019	15.036	-0.019	15.054	-0.019	15.080	-0.019
9.878	-0.019	9.916	0.0	9.943	0.010	9.982	0.024	15.097	-0.019	15.113	-0.019	15.143	-0.019	15.160	-0.014
10.016	-C.024	10.041	0.019	10.063	0.014	10.092	0.0	15.184	-0.009	15.214	0.010	15.236	0.010	15.259	0.010
10.124	-C.010	10.144	-0.019	10.178	-0.019	10.204	-0.029	15.277	0.010	15.296	0.010	15.315	0.0	15.331	-0.014
10.231	-C.068	10.259	-0.068	10.287	-0.077	10.326	-0.077	15.355	-0.014	15.373	-0.024	15.387	-0.024	15.415	-0.024
10.361	-C.073	10.407	-0.059	10.448	-0.059	10.481	-0.045	15.433	-0.024	15.445	-0.028	15.465	-0.038	15.478	-0.047
10.519	-C.040	10.546	-0.026	10.566	-0.016	10.590	-0.002	15.503	-0.062	15.531	-0.062	15.552	-0.076	15.578	-0.091
10.636	0.012	10.670	0.027	10.708	0.036	10.743	0.036	15.602	-0.081	15.631	-0.071	15.658	-0.067	15.690	-0.057
10.778	0.045	10.814	0.045	10.837	0.045	10.856	0.030	15.722	-0.045	15.753	-0.028	15.780	-0.019	15.808	-0.004
10.872	C.016	10.901	0.006	10.936	-0.008	10.963	-0.008	15.836	0.0	15.857	0.0	15.878	0.020	15.910	0.024
10.982	-C.003	11.007	-0.003	11.046	-0.004	11.070	-0.004	15.934	0.039	15.948	0.044	15.975	0.048	16.009	0.048
11.090	-C.004	11.110	-0.004	11.134	0.006	11.164	0.006	16.021	0.048	16.051	0.068	16.071	0.063	16.086	0.063
11.211	0.006	11.239	0.006	11.260	0.006	11.280	0.006	16.099	0.063	16.127	0.053	16.146	0.048	16.165	0.044
11.256	-C.009	11.312	-0.009	11.332	-0.023	11.344	-0.028	16.185	0.039	16.212	0.029	16.240	0.010	16.266	0.0
11.364	-C.028	11.382	-0.028	11.358	-0.033	11.424	-0.043	16.309	-0.019	16.326	-0.033	16.352	-0.033	16.375	-0.043
11.447	-C.052	11.469	-0.052	11.483	-0.052	11.504	-0.057	16.403	-0.052	16.429	-0.057	16.451	-0.057	16.487	-0.057
11.536	-C.067	11.564	-0.062	11.581	-0.062	11.603	-0.062	16.521	-0.057	16.551	-0.052	16.586	-0.052	16.599	-0.052
11.625	-C.062	11.645	-0.062	11.655	-0.062	11.672	-0.062	16.620	-0.047	16.651	-0.043	16.673	-0.043	16.700	-0.043
11.683	-C.062	11.709	-0.062	11.737	-0.038	11.768	-0.024	16.722	-0.038	16.739	-0.038	16.777	-0.038	16.795	-0.038
11.803	-C.009	11.833	0.005	11.862	0.010	11.884	0.015	16.811	-0.038	16.838	-0.038	16.869	-0.043	16.897	-0.047
11.907	0.015	11.942	0.015	11.965	0.015	11.999	0.015	16.926	-0.057	16.950	-0.067	16.997	-0.076	17.001	-0.076
12.019	C.015	12.039	0.015	12.071	0.020	12.095	0.020	17.030	-0.076	17.061	-0.076	17.104	-0.071	17.121	-0.057
12.114	C.020	12.164	0.020	12.179	0.020	12.210	0.020	17.153	-0.036	17.180	-0.019	17.214	0.0	17.249	0.020
12.232	C.020	12.258	0.020	12.285	0.020	12.289	0.020	17.269	0.039	17.294	0.053	17.326	0.053	17.356	0.053
12.312	C.020	12.341	0.020	12.376	0.020	12.423	0.015	17.467	0.053	17.413	0.063	17.429	0.063	17.460	0.063
12.437	C.015	12.456	0.015	12.472	0.015	12.491	0.015	17.583	0.068	17.512	0.044	17.532	0.034	17.573	0.020
12.508	C.010	12.543	0.0	12.559	-0.004	12.576	-0.004	17.565	0.020	17.620	0.010	17.652	0.010	17.670	0.0
12.599	-C.009	12.616	-0.009	12.635	-0.009	12.651	-0.024	17.696	-0.004	17.718	-0.019	17.748	-0.033	17.760	-0.038
12.675	-C.038	12.709	-0.038	12.727	-0.038	12.747	-0.057	17.791	-0.057	17.820	-0.052	17.855	-0.043	17.884	-0.043
12.759	-C.067	12.790	-0.067	12.809	-0.076	12.828	-0.086	17.911	-0.038	17.929	-0.038	17.949	-0.038	17.966	-0.038
12.854	-C.081	12.877	-0.081	12.857	-0.086	12.918	-0.091	17.986	-0.038	18.002	-0.038	18.019	-0.038	18.042	-0.038
12.939	-C.091	12.953	-0.091	12.972	-0.091	12.993	-0.086	18.060	-0.038	18.082	-0.047	18.101	-0.052	18.116	-0.052
13.014	-0.062	13.036	-0.052	13.061	-0.038	13.083	-0.024	18.132	-0.052	18.144	-0.052	18.164	-0.057	18.181	-0.057
13.109	-0.004	13.135	0.005	13.158	0.015	13.183	0.024	18.211	-0.076	18.226	-0.076	18.247	-0.076	18.272	-0.076
13.209	C.039	13.228	0.048	13.248	0.044	13.268	0.044	18.289	-0.076	18.317	-0.076	18.338	-0.076	18.355	-0.075
13.280	C.044	13.293	0.044	13.306	0.044	13.323	0.039	18.365	-0.075	18.391	-0.056	18.413	-0.046	18.437	-0.041
13.343	C.034	13.364	0.029	13.379	0.020	13.402	0.006	18.458	-0.027	18.479	-0.022	18.502	-0.007	18.532	0.007
13.427	C.006	13.441	0.006	13.463	0.036	13.480	0.006	18.549	0.012	18.581	0.022	18.608	0.032	18.644	0.042
13.500	C.006	13.523	0.006	13.550	0.006	13.568	0.006	18.672	0.042	18.693	0.028	18.716	0.029	18.744	0.033
13.583	C.001	13.603	-0.004	13.626	-0.003	13.650	-0.003	18.761	0.033	18.795	0.033	18.819	0.029	18.839	0.029
13.674	-C.003	13.698	-0.003	13.735	0.011	13.767	0.016	18.855	0.030	18.877	0.030	18.892	0.026	18.911	0.026
13.800	0.016	13.827	0.016	13.846	0.016	13.860	0.016	18.928	0.026	18.948	0.027	18.969	0.027	19.001	0.018
13.882	C.012	13.901	0.007	13.929	0.002	13.952	-0.007	19.023	0.009	19.047	0.0	19.075	-0.004	19.095	-0.014
13.966	-0.017	13.988	-0.017	14.005	-0.021	14.021	-0.031	19.115	-0.016	19.132	-0.018	19.156	-0.017	19.182	-0.026
14.037	-C.031	14.055	-0.035	14.071	-0.040	14.095	-0.045	19.203	-0.031	19.234	-0.035	19.251	-0.035	19.276	-0.039
14.111	-C.059	14.134	-0.059	14.154	-0.068	14.172	-0.078	19.304	-0.053	19.328	-0.052	19.350	-0.052	19.379	-0.051
14.192	-C.087	14.213	-0.092	14.236	-0.097	14.255	-0.102	19.399	-0.050	19.419	-0.050	19.432	-0.050	19.460	-0.049
14.275	-0.097	14.297	-0.097	14.317	-0.082	14.340	-0.073	19.480	-0.063	19.505	-0.072	19.530	-0.067	19.557	-0.071

19.581	-0.070	19.610	-0.065	19.643	-0.055	19.677	-0.035	24.540	-0.025	24.557	-0.029	24.573	-0.029	24.582	-0.029
19.706	-0.024	19.725	-0.014	19.747	-0.009	19.769	0.006	24.609	-0.043	24.627	-0.061	24.636	-0.071	24.647	-0.071
19.790	C.006	19.804	0.006	19.819	0.016	19.837	0.017	24.657	-0.066	24.669	-0.080	24.688	-0.093	24.701	-0.098
19.856	C.017	19.883	0.022	19.901	0.023	19.927	0.028	24.714	-0.102	24.723	-0.107	24.735	-0.111	24.749	-0.121
19.548	C.028	19.968	0.033	19.983	0.034	20.010	0.053	24.761	-0.125	24.772	-0.130	24.783	-0.130	24.793	-0.134
20.032	C.049	20.061	0.040	20.053	0.036	20.124	0.031	24.804	-0.134	24.811	-0.134	24.822	-0.139	24.833	-0.134
20.148	C.032	20.171	0.028	20.191	0.023	20.212	0.023	24.845	-0.129	24.854	-0.119	24.865	-0.124	24.875	-0.124
20.233	C.024	20.259	0.019	20.275	0.015	20.296	0.011	24.887	-0.124	24.898	-0.124	24.911	-0.129	24.918	-0.129
20.321	C.011	20.342	0.016	20.364	0.026	20.386	0.031	24.929	-0.119	24.935	-0.115	24.945	-0.105	24.960	-0.095
20.411	C.037	20.441	0.027	20.464	0.023	20.483	0.023	24.965	-0.091	24.977	-0.081	24.989	-0.081	25.001	-0.081
20.506	C.009	20.535	-0.009	20.564	-0.023	20.610	-0.023	25.020	-0.067	25.031	-0.062	25.037	-0.062	25.053	-0.052
20.633	-C.036	20.657	-0.046	20.684	-0.045	20.721	-0.054	25.063	-0.057	25.077	-0.066	25.092	-0.071	25.103	-0.085
20.746	-C.059	20.768	-0.058	20.809	-0.048	20.837	-0.043	25.116	-0.030	25.135	-0.100	25.149	-0.095	25.168	-0.094
20.859	-0.043	20.876	-0.033	20.892	-0.023	20.909	-0.018	25.184	-0.089	25.199	-0.085	25.212	-0.080	25.227	-0.070
20.930	-0.018	20.954	-0.013	20.977	-0.012	20.998	-0.012	25.239	-0.070	25.255	-0.055	25.276	-0.046	25.302	-0.040
21.028	-0.007	21.047	-0.007	21.061	-0.002	21.086	0.008	25.318	-0.031	25.334	-0.007	25.347	-0.002	25.363	-0.002
21.119	0.017	21.143	0.032	21.168	0.042	21.188	0.046	25.376	0.008	25.392	0.023	25.403	0.037	25.414	0.042
21.218	C.047	21.234	0.047	21.256	0.047	21.274	0.047	25.426	0.052	25.435	0.056	25.447	0.066	25.462	0.076
21.303	C.047	21.324	0.047	21.342	0.047	21.362	0.047	25.479	0.076	25.489	0.080	25.499	0.090	25.517	0.090
21.379	C.047	21.395	0.057	21.408	0.057	21.424	0.057	25.527	0.100	25.539	0.104	25.555	0.104	25.569	0.095
21.437	C.057	21.453	0.057	21.473	0.063	21.490	0.058	25.582	0.109	25.596	0.100	25.614	0.100	25.627	0.105
21.512	C.058	21.538	0.058	21.572	0.063	21.591	0.068	25.644	0.095	25.663	0.095	25.676	0.095	25.688	0.095
21.609	C.063	21.626	0.063	21.651	0.063	21.675	0.039	25.703	0.100	25.719	0.095	25.726	0.100	25.742	0.105
21.656	C.034	21.721	0.034	21.739	0.020	21.768	0.010	25.758	0.109	25.775	0.109	25.795	0.119	25.815	0.119
21.786	C.0	21.811	-0.014	21.828	-0.028	21.848	-0.033	25.838	0.124	25.852	0.129	25.868	0.143	25.884	0.148
21.872	-C.033	21.899	-0.043	21.917	-0.057	21.934	-0.057	25.895	0.157	25.910	0.153	25.920	0.157	25.936	0.157
21.952	-0.052	21.981	-0.052	22.004	-0.052	22.043	-0.052	25.955	0.157	25.968	0.162	25.980	0.162	25.995	0.157
22.065	-0.052	22.081	-0.043	22.103	-0.043	22.121	-0.043	26.012	0.162	26.028	0.157	26.043	0.153	26.052	0.148
22.142	-C.028	22.164	-0.024	22.189	-0.014	22.208	-0.014	26.066	0.138	26.079	0.133	26.094	0.124	26.112	0.109
22.233	-0.005	22.254	0.0	22.272	0.009	22.293	0.014	26.126	0.090	26.137	0.066	26.152	0.052	26.163	0.038
22.310	C.014	22.332	0.023	22.347	0.028	22.368	0.033	26.175	0.018	26.190	-0.010	26.212	-0.034	26.224	-0.053
22.394	C.033	22.408	0.033	22.431	0.033	22.455	0.018	26.239	-0.063	26.255	-0.082	26.271	-0.097	26.282	-0.106
22.484	C.013	22.504	-0.001	22.523	-0.006	22.554	-0.016	26.299	-0.106	26.312	-0.121	26.330	-0.125	26.344	-0.130
22.571	-0.026	22.603	-0.040	22.627	-0.040	22.655	-0.055	26.359	-0.135	26.379	-0.135	26.389	-0.130	26.402	-0.130
22.617	-C.060	22.705	-0.046	22.722	-0.046	22.737	-0.046	26.413	-0.135	26.430	-0.139	26.448	-0.144	26.462	-0.154
22.761	-0.051	22.777	-0.051	22.800	-0.042	22.828	-0.023	26.478	-0.168	26.494	-0.158	26.509	-0.163	26.525	-0.172
22.852	-0.004	22.877	0.005	22.892	0.024	22.912	0.039	26.538	-0.182	26.560	-0.177	26.573	-0.176	26.586	-0.171
22.929	C.052	22.949	0.062	22.974	0.062	23.000	0.057	26.600	-0.176	26.613	-0.157	26.627	-0.147	26.644	-0.133
23.003	C.052	23.044	0.042	23.062	0.032	23.085	0.023	26.664	-0.123	26.677	-0.113	26.683	-0.099	26.692	-0.084
23.175	-C.036	23.193	-0.060	23.213	-0.079	23.234	-0.094	26.703	-0.074	26.715	-0.074	26.731	-0.065	26.743	-0.055
23.254	-0.103	23.276	-0.118	23.300	-0.118	23.319	-0.118	26.758	-0.045	26.770	-0.035	26.788	-0.030	26.797	-0.016
23.349	-C.089	23.377	-0.075	23.404	-0.056	23.441	-0.032	26.805	0.003	26.822	0.008	26.836	0.018	26.850	0.028
23.469	-0.004	23.493	0.011	23.510	0.020	23.532	0.030	26.861	0.033	26.876	0.038	26.886	0.038	26.900	0.033
23.553	C.039	23.576	0.053	23.601	0.077	23.627	0.072	26.915	0.024	26.930	0.014	26.940	0.0	26.955	-0.014
23.643	C.077	23.661	0.077	23.676	0.072	23.695	0.068	26.963	-0.048	26.975	-0.057	26.987	-0.062	26.999	-0.061
23.718	C.068	23.739	0.058	23.758	0.048	23.787	0.039	27.010	-0.076	27.027	-0.075	27.042	-0.080	27.051	-0.080
23.811	C.039	23.836	0.034	23.864	0.024	23.885	0.020	27.069	-0.075	27.085	-0.070	27.094	-0.065	27.112	-0.060
23.911	C.020	23.933	0.024	23.956	0.034	23.977	0.039	27.120	-0.050	27.129	-0.040	27.140	-0.026	27.156	-0.016
24.001	C.044	24.020	0.048	24.047	0.068	24.068	0.087	27.169	-0.021	27.182	-0.016	27.192	-0.006	27.204	0.004
24.092	C.097	24.108	0.111	24.126	0.125	24.151	0.130	27.213	0.014	27.227	0.033	27.236	0.043	27.252	0.053
24.165	C.135	24.177	0.135	24.195	0.135	24.215	0.135	27.268	0.058	27.283	0.072	27.299	0.082	27.312	0.087
24.234	C.126	24.245	0.112	24.253	0.097	24.276	0.083	27.327	0.092	27.334	0.102	27.344	0.107	27.354	0.112
24.305	C.059	24.324	0.030	24.345	0.011	24.363	0.007	27.371	0.121	27.388	0.127	27.400	0.131	27.408	0.136
24.372	C.007	24.403	0.007	24.418	0.007	24.427	0.007	27.419	0.146	27.434	0.151	27.441	0.161	27.459	0.156
24.443	C.007	24.482	0.008	24.513	-0.001	24.532	-0.011	27.474	0.142	27.481	0.123	27.494	0.109	27.506	0.109
								27.530	0.105	27.538	0.086	27.551	0.076	27.570	0.072

27.584	C.053	27.600	0.053	27.614	0.043	27.625	0.029	30.594	-0.175	30.602	-0.184	30.613	-0.203	30.624	-0.208
27.645	C.030	27.666	0.020	27.681	0.001	27.698	-0.018	30.632	-0.208	30.639	-0.217	30.649	-0.231	30.656	-0.231
27.707	-C.027	27.721	-0.341	27.734	-0.046	27.745	-0.060	30.666	-0.231	30.675	-0.235	30.687	-0.240	30.698	-0.235
27.753	-C.079	27.761	-0.089	27.771	-0.098	27.784	-0.103	30.708	-0.235	30.719	-0.244	30.728	-0.239	30.740	-0.234
27.797	-C.112	27.810	-0.117	27.825	-0.126	27.838	-0.121	30.747	-0.239	30.758	-0.248	30.770	-0.252	30.786	-0.257
27.849	-0.126	27.864	-0.121	27.876	-0.125	27.890	-0.111	30.798	-0.261	30.807	-0.276	30.819	-0.285	30.828	-0.294
27.904	-0.101	27.919	-0.096	27.931	-0.086	27.942	-0.077	30.839	-0.294	30.845	-0.294	30.860	-0.285	30.866	-0.279
27.947	-0.081	27.958	-0.067	27.975	-0.057	27.991	-0.062	30.880	-0.274	30.891	-0.264	30.897	-0.245	30.913	-0.235
28.013	-C.071	28.029	-0.071	28.041	-0.085	28.060	-0.090	30.923	-0.216	30.927	-0.196	30.939	-0.182	30.945	-0.158
28.077	-C.095	28.089	-0.090	28.099	-0.085	28.117	-0.085	30.955	-0.134	30.965	-0.114	30.978	-0.090	30.990	-0.076
28.136	-C.084	28.143	-0.084	28.161	-0.079	28.169	-0.075	30.997	-0.052	31.007	-0.042	31.014	-0.013	31.019	0.001
28.177	-0.074	28.203	-0.065	28.220	-0.074	28.232	-0.074	31.030	0.021	31.039	0.040	31.045	0.054	31.055	0.069
28.244	-0.074	28.263	-0.074	28.280	-0.064	28.302	-0.059	31.065	0.079	31.073	0.098	31.078	0.112	31.091	0.122
28.314	-0.064	28.324	-0.049	28.337	-0.030	28.350	-0.020	31.099	0.137	31.110	0.151	31.119	0.161	31.123	0.161
28.360	-C.001	28.373	0.023	28.389	0.047	28.403	0.057	31.136	0.161	31.144	0.166	31.152	0.176	31.165	0.181
28.414	0.071	28.429	0.086	28.439	0.100	28.454	0.115	31.172	0.190	31.189	0.190	31.203	0.191	31.212	0.196
28.468	C.125	28.484	0.125	28.497	0.130	28.515	0.125	31.224	0.201	31.231	0.205	31.241	0.201	31.253	0.191
28.534	0.115	28.544	0.101	28.559	0.092	28.575	0.087	31.262	0.196	31.287	0.187	31.287	0.177	31.298	0.163
28.551	C.092	28.608	0.087	28.623	0.087	28.639	0.087	31.310	0.163	31.316	0.163	31.335	0.147	31.340	0.132
28.662	0.083	28.683	0.080	28.700	0.083	28.724	0.076	31.352	0.118	31.361	0.118	31.370	0.109	31.383	0.095
28.746	0.074	28.769	0.064	28.786	0.050	28.791	0.045	31.387	0.071	31.399	0.066	31.403	0.062	31.419	0.062
28.804	C.041	28.817	0.036	28.831	0.026	28.848	0.026	31.430	0.057	31.438	0.062	31.450	0.072	31.462	0.072
28.860	C.017	28.874	0.007	28.885	-0.007	28.898	-0.026	31.472	0.072	31.480	0.082	31.489	0.092	31.503	0.097
28.911	-0.030	28.925	-0.040	28.944	-0.044	28.957	-0.044	31.513	0.107	31.525	0.117	31.535	0.122	31.540	0.122
28.968	-0.039	28.982	-0.049	28.996	-0.053	29.010	-0.048	31.553	0.127	31.564	0.132	31.569	0.137	31.576	0.141
29.021	-0.044	29.035	-0.048	29.048	-0.043	29.060	-0.043	31.586	0.151	31.595	0.151	31.607	0.152	31.618	0.152
29.136	-0.047	29.150	-0.047	29.165	-0.052	29.174	-0.051	31.624	0.147	31.635	0.142	31.642	0.138	31.653	0.138
29.185	-0.056	29.203	-0.056	29.218	-0.060	29.237	-0.070	31.663	0.138	31.678	0.138	31.684	0.138	31.684	0.134
29.245	-C.084	29.261	-0.093	29.280	-0.098	29.289	-0.112	31.697	0.129	31.706	0.125	31.717	0.120	31.727	0.115
29.304	-0.117	29.314	-0.126	29.321	-0.131	29.344	-0.140	31.738	0.115	31.747	0.111	31.753	0.101	31.765	0.087
29.332	-0.150	29.362	-0.159	29.369	-0.169	29.374	-0.174	31.811	0.030	31.818	0.021	31.827	0.007	31.836	-0.003
29.386	-0.169	29.396	-0.169	29.414	-0.159	29.426	-0.149	31.840	-0.017	31.857	-0.026	31.867	-0.031	31.875	-0.036
29.437	-0.139	29.463	-0.129	29.475	-0.124	29.488	-0.110	31.889	-0.040	31.889	-0.040	31.905	-0.044	31.914	-0.054
29.554	-C.100	29.570	-0.008	29.576	0.007	29.589	0.017	31.925	-0.063	31.938	-0.077	31.951	-0.087	31.961	-0.096
29.598	C.036	29.606	0.046	29.616	0.065	29.623	0.084	31.973	-0.105	31.987	-0.124	31.994	-0.139	32.008	-0.162
29.639	0.114	29.647	0.133	29.660	0.152	29.674	0.181	32.012	-0.177	32.023	-0.191	32.030	-0.205	32.045	-0.219
29.679	C.196	29.689	0.210	29.698	0.230	29.709	0.239	32.054	-0.228	32.062	-0.232	32.075	-0.233	32.081	-0.233
29.725	C.249	29.742	0.239	29.757	0.264	29.771	0.279	32.093	-0.242	32.101	-0.232	32.112	-0.222	32.126	-0.222
29.784	C.284	29.789	0.298	29.807	0.303	29.812	0.308	32.134	-0.268	32.150	-0.198	32.157	-0.197	32.168	-0.197
29.826	C.304	29.849	0.290	29.862	0.285	29.870	0.271	32.174	-0.192	32.184	-0.183	32.205	-0.187	32.211	-0.182
29.882	C.266	29.894	0.243	29.913	0.233	29.917	0.214	32.222	-0.187	32.231	-0.177	32.242	-0.172	32.253	-0.162
29.928	C.186	29.941	0.162	29.953	0.133	29.968	0.110	32.267	-0.157	32.284	-0.156	32.299	-0.147	32.314	-0.137
29.974	C.091	29.986	0.076	29.996	0.062	30.007	0.043	32.325	-0.122	32.336	-0.122	32.344	-0.112	32.360	-0.112
30.028	C.020	30.038	0.015	30.049	0.001	30.063	-0.013	32.369	-0.116	32.382	-0.116	32.396	-0.121	32.412	-0.120
30.075	-0.022	30.093	-0.027	30.106	-0.027	30.122	-0.026	32.425	-0.115	32.443	-0.120	32.456	-0.115	32.469	-0.110
30.134	-C.026	30.144	-0.021	30.162	-0.021	30.184	-0.016	32.476	-0.105	32.486	-0.095	32.502	-0.095	32.515	-0.090
30.194	-0.015	30.205	-0.001	30.217	0.004	30.232	0.009	32.520	-0.075	32.537	-0.065	32.539	-0.056	32.546	-0.041
30.241	0.019	30.253	0.024	30.267	0.024	30.280	0.025	32.557	-0.022	32.560	-0.007	32.566	-0.002	32.578	0.008
30.291	C.020	30.304	0.025	30.316	0.025	30.327	0.030	32.589	0.017	32.595	0.027	32.607	0.032	32.613	0.032
30.340	0.031	30.352	0.026	30.371	0.022	30.387	0.022	32.625	0.037	32.634	0.042	32.639	0.047	32.644	0.057
30.402	0.013	30.418	0.008	30.432	-0.006	30.439	-0.006	32.651	0.037	32.660	0.067	32.669	0.067	32.674	0.081
30.453	-0.005	30.459	-0.005	30.471	-0.010	30.482	-0.024	32.682	0.036	32.699	0.101	32.707	0.111	32.721	0.116
30.503	-0.024	30.519	-0.023	30.529	-0.028	30.536	-0.052	32.733	0.121	32.744	0.131	32.744	0.135	32.746	0.145
30.549	-0.080	30.559	-0.113	30.571	-0.137	30.582	-0.156	32.753	0.159	32.764	0.174	32.769	0.184	32.777	0.198
								32.790	0.208	32.800	0.208	32.813	0.218	32.822	0.218

32.830	0.233	32.836	0.243	32.847	0.252	32.852	0.252	36.865	-0.098	36.878	-0.093	36.890	-0.093	36.905	-0.093
32.864	0.243	32.878	0.243	32.879	0.243	32.895	0.234	36.917	-0.088	36.933	-0.083	36.948	-0.088	36.965	-0.083
32.904	0.225	32.918	0.220	32.927	0.211	32.936	0.201	36.972	-0.078	36.987	-0.073	36.999	-0.077	37.010	-0.077
32.949	0.201	32.956	0.192	32.968	0.182	32.976	0.187	37.019	-0.077	37.027	-0.072	37.040	-0.063	37.049	-0.053
32.980	0.173	32.990	0.178	33.006	0.178	33.023	0.178	37.058	-0.053	37.069	-0.043	37.087	-0.033	37.095	-0.014
33.036	0.173	33.040	0.173	33.053	0.178	33.061	0.178	37.108	-0.004	37.122	-0.005	37.126	-0.035	37.135	-0.020
33.067	0.183	33.074	0.178	33.086	0.174	33.104	0.169	37.145	0.030	37.157	0.035	37.172	0.035	37.180	0.045
33.114	0.160	33.131	0.150	33.142	0.145	33.150	0.131	37.167	0.054	37.198	0.050	37.209	0.054	37.220	0.059
33.169	0.122	33.179	0.112	33.198	0.098	33.205	0.074	37.230	0.064	37.241	0.064	37.251	0.079	37.259	0.084
33.219	0.060	33.226	0.036	33.235	0.022	33.243	-0.002	37.268	0.089	37.269	0.094	37.284	0.089	37.288	0.099
33.250	-0.017	33.267	-0.031	33.283	-0.050	33.299	-0.069	37.295	0.103	37.305	0.108	37.315	0.113	37.324	0.118
33.306	-0.038	33.317	-0.102	33.331	-0.112	33.346	-0.116	37.332	0.123	37.340	0.128	37.352	0.133	37.361	0.138
33.357	-0.131	33.371	-0.140	33.387	-0.145	33.404	-0.159	37.377	0.138	37.388	0.138	37.397	0.143	37.405	0.153
33.417	-0.159	33.425	-0.164	33.438	-0.159	33.453	-0.154	37.411	0.158	37.426	0.163	37.435	0.158	37.446	0.163
33.466	-0.154	33.475	-0.154	33.493	-0.158	33.507	-0.158	37.453	0.163	37.464	0.173	37.476	0.173	37.485	0.168
33.524	-0.153	33.538	-0.153	33.552	-0.153	33.565	-0.153	37.498	0.169	37.506	0.159	37.526	0.159	37.534	0.145
33.586	-0.153	33.595	-0.139	33.607	-0.129	33.627	-0.129	37.544	0.141	37.557	0.126	37.569	0.112	37.581	0.093
33.640	-0.124	33.657	-0.119	33.666	-0.114	33.679	-0.105	37.593	0.079	37.603	0.065	37.610	0.055	37.624	0.027
33.686	-0.095	33.697	-0.076	33.715	-0.071	33.729	-0.061	37.635	0.043	37.643	-0.011	37.659	-0.030	37.674	-0.035
33.747	-0.047	33.761	-0.037	33.777	-0.027	33.781	-0.018	37.689	-0.044	37.699	-0.058	37.709	-0.066	37.721	-0.082
33.753	-0.008	33.807	-0.008	33.820	-0.008	33.834	-0.008	37.740	-0.086	37.751	-0.096	37.767	-0.100	37.784	-0.105
33.845	-0.017	33.861	-0.027	33.881	-0.036	33.895	-0.045	37.796	-0.114	37.809	-0.114	37.821	-0.123	37.835	-0.123
33.907	-0.055	33.924	-0.065	33.936	-0.074	33.954	-0.084	37.851	-0.113	37.873	-0.108	37.894	-0.098	37.901	-0.093
33.976	-0.093	33.992	-0.112	34.012	-0.117	34.038	-0.122	37.909	-0.093	37.915	-0.088	37.930	-0.078	37.943	-0.078
34.067	-0.131	34.090	-0.140	34.115	-0.149	34.138	-0.140	37.953	-0.073	37.961	-0.058	37.979	-0.038	37.988	-0.019
34.157	-0.150	34.182	-0.159	34.207	-0.149	34.239	-0.149	37.993	-0.004	38.004	0.010	38.016	0.025	38.025	0.030
34.278	-0.144	34.308	-0.139	34.324	-0.129	34.342	-0.124	38.035	0.030	38.052	0.035	38.063	0.045	38.074	0.046
34.363	-0.110	34.390	-0.095	34.416	-0.081	34.441	-0.066	38.087	0.046	38.098	0.046	38.108	0.047	38.125	0.047
34.459	-0.061	34.471	-0.047	34.488	-0.032	34.511	-0.023	38.137	0.047	38.149	0.038	38.159	0.029	38.178	0.029
34.546	-0.008	34.563	0.006	34.571	0.021	34.588	0.040	38.153	0.034	38.200	0.035	38.210	0.021	38.220	0.016
34.613	0.055	34.633	0.069	34.651	0.079	34.676	0.089	38.233	0.012	38.253	0.003	38.261	-0.007	38.272	-0.007
34.783	0.171	34.813	0.190	34.851	0.210	34.863	0.214	38.288	-0.011	38.303	-0.025	38.316	-0.034	38.327	-0.034
34.898	0.234	34.911	0.248	34.928	0.258	34.953	0.275	38.337	-0.029	38.349	-0.024	38.360	-0.023	38.372	-0.023
35.063	0.317	35.089	0.317	35.106	0.317	35.134	0.317	38.386	-0.032	38.396	-0.042	38.408	-0.046	38.424	-0.046
35.146	0.317	35.186	0.313	35.197	0.303	35.229	0.289	38.439	-0.045	38.454	-0.040	38.471	-0.040	38.487	-0.039
35.246	0.270	35.272	0.261	35.303	0.247	35.323	0.237	38.504	-0.029	38.525	-0.028	38.545	-0.023	38.561	-0.004
35.349	0.223	35.374	0.209	35.409	0.190	35.449	0.166	38.571	0.011	38.579	0.016	38.604	0.031	38.621	0.046
35.487	0.148	35.504	0.128	35.528	0.105	35.556	0.076	38.633	0.061	38.649	0.071	38.658	0.081	38.670	0.090
35.594	0.062	35.633	0.053	35.681	0.044	35.685	0.025	38.681	0.105	38.703	0.125	38.715	0.130	38.724	0.145
35.716	0.011	35.744	0.001	35.771	-0.013	35.806	-0.017	38.736	0.150	38.762	0.165	38.777	0.175	38.794	0.180
35.834	-0.027	35.851	-0.036	35.876	-0.050	35.903	-0.055	38.804	0.185	38.814	0.193	38.818	0.190	38.838	0.191
35.928	-0.055	35.949	-0.059	35.973	-0.069	35.990	-0.069	38.848	0.191	38.859	0.196	38.877	0.201	38.882	0.197
36.002	-0.068	36.021	-0.073	36.043	-0.073	36.060	-0.073	38.895	0.202	38.903	0.192	38.914	0.188	38.938	0.188
36.070	-0.073	36.089	-0.072	36.108	-0.072	36.128	-0.067	38.945	0.179	38.966	0.174	38.981	0.155	38.998	0.136
36.147	-0.073	36.174	-0.067	36.186	-0.067	36.207	-0.067	39.007	0.127	39.014	0.108	39.034	0.098	39.050	0.089
36.236	-0.066	36.265	-0.066	36.299	-0.066	36.319	-0.070	39.115	0.009	39.125	-0.006	39.132	-0.020	39.144	-0.029
36.326	-0.070	36.372	-0.070	36.386	-0.074	36.418	-0.074	39.156	-0.044	39.169	-0.053	39.178	-0.062	39.188	-0.067
36.444	-0.074	36.467	-0.069	36.489	-0.073	36.504	-0.068	39.205	-0.076	39.219	-0.086	39.231	-0.100	39.242	-0.110
36.521	-0.063	36.536	-0.058	36.558	-0.053	36.570	-0.053	39.257	-0.119	39.267	-0.125	39.279	-0.138	39.290	-0.147
36.584	-0.063	36.602	-0.063	36.611	-0.062	36.624	-0.077	39.302	-0.147	39.316	-0.147	39.332	-0.147	39.341	-0.132
36.636	-0.091	36.650	-0.100	36.660	-0.115	36.674	-0.115	39.359	-0.132	39.365	-0.127	39.378	-0.127	39.392	-0.117
36.686	-0.114	36.705	-0.114	36.725	-0.114	36.743	-0.114	39.401	-0.098	39.405	-0.083	39.422	-0.073	39.433	-0.069
36.754	-0.118	36.769	-0.123	36.789	-0.118	36.803	-0.113	39.449	-0.068	39.459	-0.063	39.466	-0.054	39.478	-0.034
36.813	-0.103	36.822	-0.099	36.833	-0.098	36.847	-0.098	39.487	-0.025	39.493	-0.015	39.504	-0.010	39.514	-0.010
								39.526	-0.005	39.543	0.0	39.554	-0.005	39.572	-0.005

39.588	C.0	39.599	-0.009	39.607	-0.009	39.623	0.001	42.776	0.047	42.792	0.052	42.805	0.057	42.825	0.057
39.631	-C.004	39.650	-0.008	39.656	-0.018	39.668	-0.027	42.837	0.057	42.853	0.053	42.868	0.048	42.893	0.053
39.683	-C.027	39.697	-0.037	39.704	-0.046	39.720	-0.046	42.912	0.044	42.937	0.044	42.958	0.040	42.974	0.040
39.731	-C.046	39.741	-0.050	39.752	-0.050	39.768	-0.055	42.985	0.035	42.997	0.025	43.011	0.021	43.037	0.021
39.777	-C.050	39.795	-0.055	39.807	-0.055	39.817	-0.055	43.069	0.021	43.086	0.026	43.106	0.017	43.138	0.027
39.831	-C.064	39.837	-0.073	39.854	-0.083	39.865	-0.092	43.173	0.032	43.189	0.046	43.194	0.061	43.213	0.075
39.874	-C.097	39.886	-0.106	39.905	-0.101	39.924	-0.096	43.226	0.100	43.250	0.105	43.257	0.124	43.275	0.143
39.940	-C.096	39.956	-0.101	39.977	-0.100	39.993	-0.086	43.289	0.158	43.302	0.167	43.319	0.172	43.336	0.177
40.017	-C.076	40.023	-0.066	40.034	-0.061	40.042	-0.056	43.364	0.178	43.396	0.168	43.422	0.154	43.445	0.140
40.057	-C.051	40.069	-0.046	40.084	-0.041	40.096	-0.031	43.470	0.131	43.486	0.122	43.512	0.113	43.532	0.089
40.113	-C.022	40.123	-0.012	40.138	0.007	40.150	0.008	43.556	0.070	43.576	0.052	43.601	0.028	43.621	0.019
40.163	C.017	40.174	0.032	40.185	0.056	40.195	0.075	43.629	0.009	43.656	-0.014	43.670	-0.033	43.690	-0.052
40.204	C.090	40.216	0.104	40.220	0.124	40.235	0.143	43.710	-0.066	43.729	-0.085	43.750	-0.099	43.761	-0.123
40.240	C.158	40.255	0.177	40.268	0.187	40.273	0.192	43.777	-0.127	43.790	-0.137	43.798	-0.141	43.823	-0.141
40.250	C.201	40.301	0.206	40.312	0.206	40.325	0.207	43.842	-0.150	43.859	-0.140	43.879	-0.135	43.895	-0.135
40.337	C.202	40.352	0.202	40.363	0.193	40.376	0.183	43.923	-0.139	43.944	-0.129	43.959	-0.119	43.975	-0.118
40.390	C.174	40.399	0.165	40.414	0.150	40.434	0.127	43.992	-0.108	44.007	-0.098	44.021	-0.079	44.040	-0.064
40.454	C.112	40.481	0.089	40.497	0.065	40.509	0.046	44.060	-0.049	44.072	-0.025	44.092	-0.014	44.108	-0.009
40.527	C.022	40.545	0.008	40.557	-0.006	40.569	-0.020	44.139	0.011	44.157	0.016	44.168	0.021	44.184	0.031
40.583	-C.039	40.595	-0.049	40.609	-0.063	40.621	-0.077	44.204	0.027	44.210	0.027	44.234	0.033	44.256	0.024
40.637	-C.096	40.651	-0.111	40.666	-0.125	40.680	-0.129	44.278	0.015	44.298	0.011	44.306	-0.004	44.321	-0.008
40.692	-C.139	40.702	-0.153	40.716	-0.153	40.730	-0.158	44.338	-0.017	44.363	-0.026	44.375	-0.035	44.395	-0.044
40.742	-C.157	40.755	-0.152	40.760	-0.148	40.775	-0.152	44.415	-0.044	44.431	-0.053	44.445	-0.067	44.459	-0.067
40.778	-C.147	40.798	-0.142	40.814	-0.137	40.831	-0.118	44.475	-0.071	44.496	-0.071	44.505	-0.076	44.529	-0.070
40.847	-C.108	40.862	-0.089	40.871	-0.089	40.879	-0.089	44.562	-0.065	44.592	-0.060	44.612	-0.054	44.641	-0.049
40.892	-C.079	40.910	-0.069	40.921	-0.059	40.935	-0.050	44.666	-0.025	44.690	-0.010	44.713	0.005	44.740	0.020
40.953	-C.035	40.970	-0.030	40.979	-0.025	40.990	-0.016	44.763	0.030	44.792	0.035	44.812	0.036	44.840	0.046
41.004	-C.006	41.016	0.004	41.021	0.013	41.032	0.018	44.861	0.051	44.884	0.061	44.907	0.071	44.928	0.071
41.044	C.028	41.058	0.033	41.078	0.038	41.091	0.038	44.949	0.072	44.974	0.072	44.995	0.062	45.022	0.053
41.101	C.043	41.118	0.048	41.128	0.052	41.142	0.057	45.057	0.034	45.084	0.025	45.101	0.011	45.124	0.001
41.154	C.062	41.169	0.072	41.187	0.077	41.201	0.077	45.155	-0.003	45.180	-0.013	45.206	-0.022	45.235	-0.036
41.213	C.077	41.224	0.082	41.238	0.082	41.257	0.087	45.256	-0.050	45.280	-0.059	45.297	-0.074	45.317	-0.074
41.275	C.092	41.290	0.087	41.311	0.082	41.327	0.078	45.343	-0.068	45.368	-0.073	45.394	-0.068	45.411	-0.053
41.338	C.068	41.356	0.054	41.373	0.040	41.382	0.030	45.436	-0.034	45.468	-0.014	45.495	-0.004	45.518	0.006
41.401	C.030	41.412	0.026	41.423	0.016	41.443	0.012	45.535	0.021	45.556	0.031	45.582	0.036	45.611	0.046
41.460	C.012	41.471	0.007	41.480	-0.002	41.485	-0.002	45.636	0.042	45.660	0.047	45.690	0.057	45.707	0.058
41.503	C.003	41.531	0.008	41.549	0.013	41.568	0.014	45.721	0.063	45.741	0.073	45.769	0.069	45.796	0.059
41.584	C.023	41.610	0.029	41.630	0.043	41.640	0.053	45.820	0.046	45.832	0.012	45.867	-0.001	45.883	-0.001
41.658	C.068	41.674	0.073	41.701	0.083	41.713	0.097	45.912	-0.015	45.925	-0.020	45.933	-0.019	45.962	-0.014
41.729	C.117	41.747	0.127	41.755	0.141	41.775	0.151	45.979	-0.009	46.001	-0.008	46.016	-0.008	46.029	-0.013
41.781	C.161	41.791	0.156	41.812	0.166	41.828	0.152	46.051	-0.012	46.073	-0.012	46.098	-0.011	46.134	-0.006
41.850	C.152	41.873	0.138	41.893	0.119	41.916	0.105	46.146	-0.001	46.166	0.004	46.177	0.019	46.196	0.034
41.940	C.087	41.964	0.073	41.973	0.054	41.990	0.035	46.222	0.049	46.234	0.054	46.244	0.063	46.258	0.068
42.010	C.021	42.026	0.012	42.053	-0.002	42.072	-0.040	46.274	0.074	46.293	0.074	46.303	0.074	46.319	0.074
42.101	-C.058	42.120	-0.091	42.144	-0.110	42.162	-0.129	46.345	0.070	46.360	0.056	46.384	0.033	46.398	0.014
42.167	-C.148	42.178	-0.157	42.190	-0.166	42.208	-0.185	46.423	-0.005	46.450	-0.014	46.461	-0.028	46.474	-0.028
42.227	-C.194	42.243	-0.203	42.251	-0.213	42.259	-0.212	46.492	-0.037	46.516	-0.046	46.541	-0.046	46.554	-0.055
42.275	-C.207	42.294	-0.202	42.312	-0.197	42.330	-0.187	46.579	-0.064	46.595	-0.064	46.620	-0.059	46.638	-0.058
42.339	-C.177	42.351	-0.172	42.366	-0.162	42.372	-0.157	46.662	-0.058	46.706	-0.048	46.706	-0.038	46.727	-0.028
42.390	-C.147	42.403	-0.132	42.415	-0.132	42.432	-0.127	46.765	-0.013	46.776	-0.003	46.791	0.012	46.796	0.021
42.444	-C.117	42.460	-0.107	42.475	-0.098	42.484	-0.083	46.825	0.031	46.848	0.032	46.879	0.037	46.884	0.028
42.462	-C.078	42.506	-0.073	42.524	-0.063	42.534	-0.044	46.904	0.006	47.021	0.024	46.960	0.024	46.982	0.015
42.541	-C.039	42.560	-0.029	42.574	-0.024	42.582	-0.019	47.003	0.003	47.047	0.007	47.047	0.007	47.077	0.002
42.558	-C.009	42.613	0.005	42.629	0.006	42.645	0.011	47.109	-0.011	47.135	-0.015	47.171	-0.019	47.195	-0.018
42.657	C.016	42.666	0.021	42.682	0.021	42.698	0.016	47.216	-0.018	47.242	-0.022	47.262	-0.017	47.307	-0.016
42.711	C.026	42.726	0.026	42.746	0.036	42.763	0.042	47.331	-0.016	47.366	-0.010	47.397	-0.005	47.432	-0.004

47.463	0.001	47.488	0.011	47.517	0.017	47.547	0.022	52.514	0.013	52.536	0.019	52.557	0.005	52.581	0.010
47.570	0.032	47.583	0.042	47.600	0.052	47.620	0.066	52.605	0.011	52.627	0.002	52.650	0.007	52.672	0.007
47.641	0.057	47.659	0.057	47.678	0.053	47.706	0.044	52.691	0.008	52.713	0.003	52.737	-0.006	52.758	-0.010
47.727	0.030	47.752	0.030	47.774	0.016	47.793	0.007	52.780	-0.010	52.798	-0.004	52.816	-0.004	52.840	-0.004
47.820	0.003	47.846	-0.007	47.864	-0.025	47.897	-0.020	52.863	0.002	52.890	-0.002	52.927	0.003	52.955	-0.001
47.928	-0.015	47.954	-0.014	47.968	-0.019	48.004	-0.018	52.977	0.004	53.002	0.010	53.019	0.015	53.042	0.010
48.064	-0.018	48.084	-0.013	48.092	-0.017	48.116	-0.007	53.062	0.025	53.087	0.026	53.106	0.026	53.127	0.031
48.142	-0.002	48.169	0.008	48.195	0.018	48.219	0.013	53.149	0.027	53.167	0.027	53.186	0.018	53.207	0.028
48.254	0.019	48.289	0.014	48.319	0.010	48.339	0.006	53.227	0.024	53.253	0.029	53.275	0.030	53.297	0.030
48.362	-0.004	48.401	-0.003	48.425	-0.017	48.449	-0.026	53.313	0.035	53.327	0.041	53.350	0.046	53.366	0.046
48.475	-0.026	48.507	-0.035	48.530	-0.040	48.554	-0.044	53.386	0.047	53.403	0.052	53.432	0.072	53.456	0.072
48.580	-0.053	48.613	-0.062	48.639	-0.062	48.667	-0.066	53.473	0.082	53.503	0.083	53.536	0.098	53.555	0.103
48.708	-0.061	48.741	-0.065	48.759	-0.065	48.811	-0.069	53.574	0.108	53.595	0.099	53.614	0.109	53.634	0.105
48.845	-0.064	48.856	-0.049	48.900	-0.039	48.948	-0.029	53.652	0.101	53.676	0.101	53.698	0.097	53.719	0.097
48.990	-0.009	48.997	0.015	49.022	0.035	49.061	0.054	53.744	0.088	53.772	0.080	53.797	0.075	53.824	0.057
49.088	0.055	49.111	0.060	49.130	0.065	49.157	0.075	53.849	0.048	53.873	0.039	53.903	0.025	53.925	0.002
49.188	0.080	49.222	0.090	49.257	0.086	49.283	0.086	53.949	-0.003	53.972	-0.007	54.001	-0.031	54.019	-0.030
49.316	0.091	49.341	0.082	49.371	0.083	49.402	0.074	54.037	-0.035	54.060	-0.030	54.082	-0.054	54.103	-0.054
49.442	0.069	49.470	0.065	49.496	0.060	49.516	0.051	54.133	-0.044	54.152	-0.049	54.171	-0.044	54.194	-0.048
49.540	0.037	49.569	0.018	49.602	-0.001	49.613	-0.001	54.212	-0.039	54.237	-0.043	54.257	-0.048	54.276	-0.038
49.625	-0.001	49.645	-0.015	49.657	-0.010	49.677	-0.020	54.300	-0.028	54.326	-0.033	54.348	-0.028	54.373	-0.028
49.714	-0.014	49.731	-0.005	49.744	-0.009	49.753	0.005	54.395	-0.023	54.415	-0.032	54.442	-0.023	54.466	-0.027
49.768	0.015	49.779	0.025	49.788	0.034	49.808	0.039	54.488	-0.027	54.510	-0.027	54.534	-0.032	54.561	-0.042
49.821	0.049	49.835	0.049	49.854	0.054	49.869	0.054	54.586	-0.051	54.611	-0.046	54.645	-0.051	54.670	-0.046
49.892	0.055	49.910	0.055	49.927	0.045	49.951	0.040	54.694	-0.046	54.717	-0.056	54.741	-0.041	54.765	-0.046
49.980	0.031	49.998	0.016	50.011	0.011	50.027	0.007	54.788	-0.032	54.803	-0.022	54.824	0.002	54.841	0.002
50.040	-0.003	50.057	-0.022	50.072	-0.027	50.089	-0.041	54.860	0.006	54.880	0.016	54.896	0.026	54.913	0.040
50.106	-0.056	50.124	-0.056	50.140	-0.070	50.156	-0.089	54.926	0.050	54.948	0.050	54.973	0.059	54.986	0.064
50.178	-0.089	50.194	-0.099	50.207	-0.099	50.222	-0.099	55.004	0.074	55.019	0.079	55.036	0.088	55.062	0.098
50.244	-0.089	50.256	-0.084	50.271	-0.075	50.285	-0.070	55.078	0.093	55.095	0.089	55.106	0.094	55.126	0.089
50.298	-0.060	50.315	-0.050	50.327	-0.046	50.345	-0.041	55.144	0.084	55.163	0.085	55.189	0.075	55.214	0.066
50.369	-0.031	50.392	-0.031	50.413	-0.026	50.444	-0.021	55.232	0.061	55.253	0.056	55.272	0.037	55.292	0.033
50.466	-0.016	50.487	-0.006	50.503	-0.001	50.522	0.009	55.316	0.014	55.334	0.014	55.352	0.019	55.377	0.005
50.542	0.018	50.560	0.033	50.574	0.028	50.585	0.043	55.403	0.0	55.431	0.005	55.455	0.0	55.479	0.0
50.605	0.058	50.629	0.058	50.649	0.063	50.672	0.068	55.505	0.005	55.526	0.015	55.553	0.010	55.582	0.015
50.697	0.069	50.728	0.069	50.755	0.074	50.775	0.070	55.599	0.020	55.615	0.030	55.643	0.030	55.659	0.025
50.797	0.065	50.827	0.066	50.850	0.056	50.867	0.057	55.681	0.035	55.702	0.039	55.723	0.030	55.742	0.030
50.888	0.042	50.911	0.028	50.928	0.024	50.950	0.010	55.762	0.035	55.778	0.035	55.797	0.035	55.813	0.035
50.974	0.0	50.996	-0.014	51.017	-0.014	51.035	-0.018	55.837	0.025	55.853	0.025	55.883	0.016	55.901	0.001
51.057	-0.018	51.078	-0.004	51.103	0.011	51.122	0.021	55.922	-0.003	55.940	-0.008	55.959	-0.018	55.988	-0.013
51.141	0.026	51.160	0.050	51.192	0.045	51.212	0.055	56.009	-0.032	56.036	-0.032	56.061	-0.037	56.080	-0.032
51.230	0.055	51.256	0.036	51.277	0.036	51.304	0.017	56.106	-0.028	56.126	-0.023	56.145	-0.009	56.163	0.001
51.321	0.008	51.343	0.003	51.360	-0.011	51.382	-0.011	56.186	0.001	56.205	0.015	56.224	0.015	56.247	0.024
51.406	-0.025	51.429	-0.030	51.460	-0.039	51.481	-0.044	56.269	0.029	56.287	0.034	56.305	0.038	56.326	0.048
51.507	-0.053	51.527	-0.062	51.548	-0.066	51.561	-0.061	56.347	0.057	56.368	0.057	56.389	0.062	56.406	0.057
51.586	-0.061	51.609	-0.056	51.631	-0.051	51.648	-0.046	56.422	0.042	56.441	0.057	56.464	0.052	56.483	0.042
51.664	-0.036	51.692	-0.035	51.713	-0.025	51.739	-0.030	56.502	0.042	56.520	0.033	56.536	0.028	56.557	0.024
51.755	-0.029	51.776	-0.034	51.797	-0.034	51.813	-0.033	56.577	0.004	56.599	0.014	56.619	0.005	56.645	-0.010
51.838	-0.023	51.866	-0.023	51.887	-0.013	51.904	-0.013	56.667	-0.019	56.692	-0.029	56.711	-0.033	56.734	-0.052
51.922	-0.003	51.947	0.007	51.970	0.013	51.987	0.016	56.761	-0.062	56.778	-0.062	56.800	-0.066	56.818	-0.071
52.005	0.008	52.020	0.024	52.045	0.029	52.065	0.039	56.838	-0.071	56.858	-0.071	56.875	-0.066	56.889	-0.061
52.089	0.040	52.106	0.045	52.128	0.055	52.149	0.056	56.909	-0.071	56.929	-0.061	56.945	-0.061	56.967	-0.051
52.170	0.052	52.189	0.057	52.209	0.058	52.235	0.054	56.988	-0.046	57.007	-0.036	57.034	-0.036	57.055	-0.021
52.256	0.040	52.284	0.036	52.304	0.027	52.330	0.013	57.063	-0.006	57.108	-0.006	57.126	0.0	57.144	0.0
52.349	0.014	52.378	0.010	52.399	0.020	52.418	0.006	57.162	-0.005	57.178	0.010	57.198	0.006	57.220	0.011
52.442	0.007	52.461	0.007	52.478	0.013	52.493	0.018	57.246	0.002	57.265	-0.012	57.283	-0.017	57.306	-0.017

57.323	-C.012	57.342	-0.016	57.364	-0.030	57.380	-0.020
57.403	-C.029	57.422	-0.024	57.451	-0.029	57.471	-0.019
57.452	-C.018	57.510	-0.023	57.523	-0.022	57.541	-0.008
57.560	C.002	57.576	0.017	57.554	0.022	57.616	0.037
57.632	C.047	57.649	0.052	57.673	0.072	57.702	0.097
57.726	C.097	57.750	0.117	57.777	0.127	57.797	0.123
57.828	C.128	57.856	0.124	57.880	0.120	57.900	0.120
57.920	C.111	57.937	0.111	57.957	0.102	57.979	0.088
58.000	C.079	58.015	0.079	58.035	0.066	58.053	0.052
58.076	C.023	58.094	0.009	58.116	0.0	58.143	0.001
58.167	-C.013	58.192	-0.022	58.209	-0.017	58.236	-0.021
58.259	-C.025	58.278	-0.020	58.304	-0.019	58.319	-0.019
58.355	-C.018	58.369	-0.027	58.389	-0.022	58.413	-0.012
58.435	-C.011	58.457	-0.001	58.481	-0.001	58.499	0.005
58.524	0.010	58.542	0.020	58.567	0.016	58.585	0.011
58.604	C.016	58.627	0.002	58.648	-0.002	58.670	-0.002
58.654	-C.016	58.711	-0.020	58.732	-0.029	58.758	-0.029
58.775	-C.043	58.794	-0.052	58.818	-0.056	58.839	-0.056
58.866	-C.070	58.888	-0.074	58.909	-0.074	58.936	-0.076
58.954	-C.068	58.984	-0.063	59.004	-0.053	59.026	-0.036
59.051	-C.024	59.071	-0.009	59.092	0.001	59.123	0.011
59.142	C.030	59.171	0.035	59.195	0.050	59.224	0.060
59.243	C.070	59.268	0.080	59.297	0.080	59.315	0.085
59.340	C.080	59.364	0.071	59.397	0.062	59.426	0.053
59.452	C.053	59.478	0.034	59.504	0.039	59.525	0.020
59.548	C.016	59.562	0.006	59.582	-0.003	59.604	-0.008
59.631	-C.017	59.659	-0.031	59.685	-0.021	59.703	-0.021
59.728	-C.025	59.749	-0.035	59.763	-0.030	59.779	-0.020
59.801	-C.020	59.824	-0.024	59.847	-0.019	59.873	-0.009
59.899	-C.014	59.924	-0.013	59.941	-0.018	59.967	-0.006
59.989	-C.003	60.014	0.002	60.039	0.002	60.056	0.007
60.081	-C.007	60.102	-0.002	60.125	-0.002	60.140	-0.007
60.158	-C.011	60.179	-0.016	60.201	-0.021	60.230	-0.030
60.251	-C.025	60.272	-0.020	60.301	-0.025	60.316	-0.010
60.338	-C.015	60.366	-0.015	60.389	0.0	60.415	0.005
60.437	0.010	60.462	0.015	60.482	0.034		

1Y381

68.025. 4/8/68 1830PST HOLLYWOOD STORAGE, PENTHOUSE, LOS ANGELES, CAL. WEST

2724 POINTS 60.553 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0712 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.018	0.024	0.027	0.052	0.012	0.078	-0.003	2.641	0.065	2.659	0.065	2.676	0.054	2.688	0.049				
0.099	-0.013	0.125	-0.019	0.143	-0.024	0.160	-0.029	2.702	0.034	2.714	0.014	2.735	0.004	2.746	-0.006				
0.176	-0.039	0.193	-0.049	0.208	-0.044	0.224	-0.055	2.760	-0.016	2.776	-0.041	2.788	-0.046	2.809	-0.056				
0.233	-0.050	0.245	-0.045	0.260	-0.051	0.272	-0.051	2.821	-0.066	2.835	-0.081	2.852	-0.086	2.869	-0.082				
0.282	-0.052	0.293	-0.057	0.302	-0.057	0.319	-0.057	2.885	-0.077	2.899	-0.077	2.919	-0.073	2.947	-0.063				
0.327	-0.057	0.343	-0.052	0.360	-0.042	0.376	-0.041	2.962	-0.053	2.980	-0.049	3.000	-0.039	3.020	-0.034				
0.388	-0.040	0.400	-0.030	0.415	-0.025	0.431	-0.019	3.036	-0.020	3.053	-0.015	3.066	-0.010	3.081	-0.001				
0.449	-0.013	0.466	-0.014	0.478	-0.004	0.488	0.001	3.095	0.014	3.113	0.009	3.129	0.023	3.151	0.033				
0.500	0.010	0.513	0.010	0.527	0.015	0.535	0.025	3.176	0.032	3.190	0.037	3.209	0.037	3.225	0.027				
0.551	0.024	0.567	0.034	0.581	0.038	0.598	0.043	3.250	0.011	3.264	0.006	3.278	0.001	3.296	-0.009				
0.608	0.038	0.623	0.043	0.638	0.037	0.647	0.042	3.311	-0.014	3.333	-0.030	3.357	-0.055	3.368	-0.060				
0.658	0.037	0.670	0.027	0.680	0.012	0.694	-0.003	3.381	-0.080	3.403	-0.085	3.423	-0.081	3.447	-0.071				
0.710	-0.022	0.725	-0.032	0.735	-0.033	0.752	-0.038	3.464	-0.062	3.487	-0.052	3.504	-0.043	3.523	-0.028				
0.760	-0.043	0.776	-0.048	0.789	-0.053	0.803	-0.058	3.542	-0.018	3.564	-0.009	3.586	0.001	3.605	0.010				
0.827	-0.063	0.849	-0.068	0.878	-0.073	0.895	-0.073	3.629	0.010	3.651	0.015	3.671	0.019	3.682	0.019				
0.909	-0.073	0.931	-0.069	0.948	-0.064	0.963	-0.054	3.697	0.024	3.719	0.024	3.734	0.019	3.750	0.018				
0.984	-0.039	1.002	-0.025	1.021	-0.015	1.035	0.0	3.766	0.008	3.782	-0.007	3.795	-0.017	3.815	-0.027				
1.051	0.010	1.066	0.014	1.078	0.009	1.094	0.009	3.835	-0.042	3.856	-0.052	3.874	-0.062	3.891	-0.067				
1.107	0.009	1.119	0.009	1.136	0.009	1.150	0.014	3.904	-0.072	3.927	-0.077	3.932	-0.077	3.953	-0.072				
1.167	0.009	1.191	0.009	1.213	0.008	1.227	0.008	3.972	-0.058	3.994	-0.048	4.014	-0.033	4.037	-0.023				
1.239	0.003	1.255	-0.002	1.270	-0.017	1.290	-0.032	4.051	-0.013	4.071	-0.003	4.091	0.011	4.111	0.031				
1.306	-0.042	1.321	-0.057	1.342	-0.067	1.355	-0.072	4.128	0.041	4.145	0.051	4.161	0.056	4.180	0.061				
1.375	-0.077	1.384	-0.077	1.396	-0.067	1.412	-0.052	4.200	0.052	4.215	0.052	4.223	0.047	4.245	0.042				
1.425	-0.047	1.447	-0.042	1.464	-0.037	1.481	-0.033	4.262	0.037	4.280	0.027	4.299	0.023	4.310	0.018				
1.505	-0.013	1.533	0.007	1.555	0.022	1.575	0.032	4.325	0.008	4.341	-0.012	4.359	-0.027	4.378	-0.041				
1.587	0.041	1.602	0.041	1.619	0.036	1.638	0.031	4.397	-0.061	4.414	-0.076	4.437	-0.080	4.451	-0.090				
1.667	0.026	1.680	0.026	1.703	0.026	1.720	0.016	4.474	-0.090	4.487	-0.080	4.506	-0.080	4.530	-0.081				
1.736	0.011	1.755	-0.003	1.775	-0.018	1.793	-0.033	4.541	-0.071	4.562	-0.051	4.579	-0.032	4.595	-0.017				
1.809	-0.048	1.828	-0.058	1.844	-0.053	1.860	-0.048	4.612	-0.007	4.632	0.002	4.647	-0.003	4.666	0.012				
1.879	-0.048	1.899	-0.043	1.920	-0.043	1.940	-0.044	4.683	0.017	4.698	0.012	4.718	0.011	4.730	0.011				
1.957	-0.034	1.979	-0.029	1.992	-0.029	2.009	-0.009	4.746	0.006	4.760	-0.009	4.780	-0.019	4.802	-0.024				
2.029	0.006	2.047	0.030	2.068	0.045	2.089	0.060	4.818	-0.029	4.839	-0.034	4.849	-0.039	4.867	-0.045				
2.108	0.060	2.125	0.060	2.137	0.060	2.157	0.050	4.881	-0.050	4.893	-0.055	4.913	-0.070	4.928	-0.065				
2.172	0.040	2.184	0.035	2.202	0.020	2.224	0.010	4.945	-0.055	4.973	-0.055	4.979	-0.055	4.999	-0.046				
2.262	-0.005	2.262	-0.020	2.281	-0.035	2.299	-0.045	5.017	-0.031	5.036	-0.026	5.049	-0.016	5.069	-0.001				
2.312	-0.065	2.329	-0.070	2.345	-0.085	2.371	-0.081	5.095	0.004	5.107	0.009	5.130	0.014	5.150	0.009				
2.383	-0.076	2.396	-0.081	2.415	-0.071	2.433	-0.071	5.165	0.014	5.192	0.014	5.208	0.019	5.222	0.014				
2.455	-0.062	2.471	-0.057	2.486	-0.032	2.502	-0.013	5.238	0.013	5.257	0.004	5.275	-0.006	5.297	-0.016				
2.520	0.007	2.534	0.026	2.553	0.031	2.570	0.046	5.312	-0.012	5.347	-0.017	5.349	-0.017	5.360	-0.017				
2.583	0.056	2.598	0.060	2.619	0.070	2.629	0.070	5.383	-0.017	5.397	-0.017	5.414	-0.022	5.431	-0.022				

5.438	-C.013	5.457	-0.008	5.480	-0.003	5.497	0.002	9.383	-0.010	9.409	-0.020	9.427	-0.025	9.453	-0.030
5.521	C.011	5.537	0.011	5.551	0.021	5.571	0.026	9.474	-0.025	9.480	-0.020	9.499	-0.015	9.518	-0.011
5.599	C.021	5.604	0.035	5.624	0.040	5.650	0.045	9.536	-0.001	9.554	0.004	9.579	0.009	9.593	0.009
5.676	C.044	5.687	0.039	5.706	0.029	5.731	0.019	9.616	0.018	9.631	0.013	9.655	0.027	9.667	0.017
5.758	C.014	5.775	0.003	5.797	0.002	5.817	-0.012	9.683	0.017	9.696	0.017	9.710	0.012	9.727	0.007
5.844	-0.022	5.869	-0.037	5.893	-0.042	5.918	-0.062	9.743	-0.003	9.759	-0.023	9.777	-0.034	9.797	-0.044
5.940	-C.072	5.963	-0.077	5.984	-0.087	5.997	-0.082	9.823	-0.049	9.828	-0.054	9.845	-0.049	9.868	-0.039
6.027	-0.072	6.043	-0.073	6.057	-0.053	6.084	-0.043	9.882	-0.044	9.899	-0.039	9.919	-0.039	9.936	-0.044
6.100	-C.028	6.118	-0.019	6.140	-0.004	6.166	0.011	9.956	-0.044	9.973	-0.049	9.989	-0.039	10.008	-0.025
6.190	C.021	6.212	0.016	6.213	0.016	6.236	0.015	10.014	-0.020	10.026	-0.005	10.052	0.005	10.076	0.025
6.242	C.020	6.264	0.015	6.277	0.015	6.297	0.010	10.103	0.030	10.116	0.035	10.133	0.045	10.157	0.045
6.314	C.005	6.327	0.0	6.349	-0.005	6.371	-0.010	10.172	0.045	10.190	0.040	10.212	0.030	10.244	0.025
6.391	-C.016	6.407	-0.021	6.426	-0.016	6.441	-0.021	10.255	0.015	10.278	0.005	10.287	-0.004	10.303	-0.019
6.461	-0.032	6.478	-0.032	6.494	-0.037	6.514	-0.037	10.322	-0.029	10.342	-0.044	10.362	-0.054	10.389	-0.058
6.530	-0.052	6.534	-0.043	6.554	-0.028	6.573	-0.028	10.422	-0.058	10.442	-0.063	10.456	-0.063	10.477	-0.063
6.592	-0.019	6.617	-0.014	6.639	-0.009	6.664	-0.010	10.494	-0.053	10.515	-0.048	10.535	-0.033	10.574	-0.024
6.677	-C.010	6.698	0.0	6.712	0.005	6.730	0.0	10.579	-0.009	10.601	-0.004	10.627	0.006	10.652	0.035
6.752	C.009	6.774	0.009	6.790	0.009	6.810	0.009	10.673	0.045	10.695	0.070	10.724	0.080	10.747	0.075
6.827	C.004	6.854	0.008	6.878	0.013	6.890	0.013	10.764	0.060	10.782	0.045	10.802	0.035	10.818	0.020
6.918	C.018	6.939	0.018	6.957	0.018	6.977	0.013	10.837	0.005	10.857	-0.015	10.875	-0.035	10.897	-0.060
7.001	-C.002	7.019	-0.012	7.036	-0.017	7.063	-0.027	10.920	-0.070	10.947	-0.075	10.966	-0.075	10.982	-0.070
7.089	-C.038	7.107	-0.043	7.128	-0.053	7.148	-0.053	10.997	-0.071	11.015	-0.056	11.034	-0.036	11.060	-0.017
7.159	-C.053	7.172	-0.044	7.188	-0.039	7.211	-0.034	11.084	0.003	11.102	0.023	11.134	0.037	11.157	0.052
7.221	-0.010	7.241	0.0	7.263	0.004	7.283	0.009	11.172	0.062	11.193	0.067	11.213	0.062	11.239	0.052
7.304	C.019	7.311	0.024	7.325	0.023	7.339	0.018	11.263	0.037	11.285	0.027	11.300	0.012	11.318	-0.003
7.359	C.018	7.380	0.008	7.391	0.008	7.407	0.008	11.338	-0.023	11.350	-0.033	11.364	-0.043	11.380	-0.053
7.419	C.008	7.425	0.013	7.440	0.007	7.453	0.002	11.403	-0.067	11.426	-0.077	11.450	-0.068	11.469	-0.063
7.469	-0.003	7.473	-0.008	7.493	-0.008	7.506	-0.016	11.479	-0.053	11.504	-0.038	11.523	-0.028	11.541	-0.014
7.517	-0.023	7.539	-0.023	7.551	-0.023	7.567	-0.004	11.564	0.001	11.589	0.016	11.612	0.030	11.647	0.040
7.579	-C.008	7.595	-0.008	7.609	-0.008	7.624	-0.004	11.674	0.040	11.701	0.040	11.736	0.024	11.760	0.009
7.635	C.001	7.657	0.006	7.677	0.006	7.684	0.011	11.784	-0.020	11.807	-0.026	11.834	-0.045	11.854	-0.061
7.658	C.011	7.715	0.021	7.732	0.026	7.751	0.021	11.881	-0.076	11.906	-0.081	11.931	-0.091	11.958	-0.087
7.767	C.031	7.785	0.031	7.796	0.021	7.821	0.016	11.976	-0.087	11.995	-0.073	12.018	-0.058	12.031	-0.039
7.836	C.001	7.854	0.001	7.869	-0.008	7.886	-0.018	12.059	-0.024	12.083	-0.005	12.110	0.005	12.132	0.034
7.906	-0.018	7.923	-0.019	7.941	-0.024	7.955	-0.029	12.153	0.044	12.171	0.058	12.198	0.063	12.219	0.058
7.968	-C.034	7.984	-0.039	8.002	-0.039	8.033	-0.044	12.243	0.045	12.265	0.028	12.284	0.018	12.300	0.003
8.045	-0.044	8.071	-0.044	8.088	-0.044	8.103	-0.039	12.322	-0.017	12.345	-0.032	12.364	-0.037	12.380	-0.047
8.127	-C.039	8.139	-0.034	8.149	-0.024	8.170	-0.020	12.396	-0.057	12.419	-0.067	12.446	-0.067	12.472	-0.066
8.191	-C.020	8.197	-0.015	8.217	-0.010	8.247	0.0	12.493	-0.061	12.521	-0.051	12.552	-0.046	12.560	-0.036
8.267	C.005	8.281	0.014	8.303	0.019	8.318	0.019	12.584	-0.026	12.602	-0.006	12.622	0.014	12.646	0.034
8.330	0.014	8.357	0.009	8.375	0.014	8.387	0.013	12.670	0.044	12.695	0.059	12.721	0.069	12.737	0.074
8.466	C.008	8.418	0.013	8.434	0.003	8.449	-0.002	12.758	0.074	12.781	0.070	12.809	0.050	12.833	0.030
8.467	-C.012	8.481	-0.017	8.513	-0.027	8.522	-0.032	12.860	0.011	12.881	-0.004	12.901	-0.024	12.924	-0.043
8.541	-C.037	8.561	-0.047	8.573	-0.057	8.599	-0.062	14.948	-0.053	12.975	-0.058	13.001	-0.048	13.024	-0.048
8.606	-0.062	8.619	-0.062	8.640	-0.062	8.656	-0.052	13.045	-0.038	13.071	-0.024	13.087	-0.004	13.116	0.011
8.667	-0.043	8.689	-0.038	8.698	-0.033	8.714	-0.028	13.134	0.030	13.162	0.035	13.193	0.055	13.216	0.065
8.725	-0.023	8.742	-0.013	8.753	-0.008	8.774	-0.003	13.244	0.065	13.262	0.055	13.269	0.055	13.290	0.039
8.750	C.006	8.803	0.011	8.827	0.016	8.843	0.026	13.315	0.051	13.343	-0.001	13.372	-0.021	13.390	-0.026
8.860	C.036	8.880	0.036	8.896	0.031	8.908	0.041	13.415	-0.054	13.437	-0.066	13.475	-0.087	13.485	-0.097
8.924	C.037	8.934	0.027	8.941	0.022	8.961	0.017	13.507	-0.097	13.519	-0.102	13.543	-0.097	13.570	-0.078
8.971	C.007	8.996	0.002	9.004	-0.003	9.025	-0.003	13.587	-0.068	13.603	-0.053	13.625	-0.033	13.647	-0.009
9.034	C.007	9.050	-0.002	9.067	0.003	9.085	0.003	13.672	0.011	13.702	0.031	13.714	0.041	13.741	0.041
9.102	-0.003	9.119	-0.007	9.134	-0.007	9.148	-0.002	13.769	0.051	13.785	0.046	13.816	0.031	13.838	0.022
9.159	-0.002	9.175	0.004	9.200	0.004	9.222	0.009	13.859	0.017	13.893	0.008	13.899	-0.002	13.919	-0.006
9.234	C.014	9.255	0.014	9.280	0.010	9.285	0.005	13.937	-0.016	13.957	-0.025	13.982	-0.034	14.007	-0.044
9.307	C.0	9.326	0.0	9.349	0.0	9.373	-0.005	14.031	-0.063	14.047	-0.068	14.066	-0.062	14.095	-0.062

14.114	-0.052	14.129	-0.042	14.150	-0.027	14.176	-0.017	14.771	0.033	14.784	0.028	19.808	0.013	19.835	-0.007
14.203	-0.002	14.236	0.019	14.255	0.038	14.281	0.049	19.873	-0.017	19.888	-0.027	19.929	-0.032	19.942	-0.037
14.306	0.059	14.334	0.064	14.364	0.069	14.381	0.059	19.990	-0.057	20.006	-0.067	20.027	-0.072	20.059	-0.062
14.356	C.050	14.419	0.040	14.430	0.029	14.449	0.019	20.092	-0.057	20.110	-0.052	20.135	-0.047	20.162	-0.027
14.479	C.004	14.503	-0.011	14.538	-0.022	14.547	0.022	20.178	-0.022	20.199	-0.007	20.221	0.003	20.240	0.008
14.580	-0.027	14.596	-0.032	14.620	-0.033	14.638	-0.023	20.264	0.018	20.291	0.023	20.331	0.028	20.355	0.033
14.666	-0.023	14.690	-0.024	14.718	-0.024	14.735	-0.020	20.369	0.033	20.397	0.028	20.424	0.013	20.460	0.004
14.762	-0.015	14.771	-0.010	14.791	0.004	14.815	0.014	20.488	-0.016	20.501	-0.036	20.535	-0.050	20.563	-0.065
14.835	C.019	14.855	0.013	14.891	0.013	14.913	0.022	20.587	-0.075	20.599	-0.070	20.622	-0.075	20.645	-0.065
14.935	0.012	14.968	0.007	14.985	0.002	15.027	0.001	20.671	-0.065	20.698	-0.050	20.709	-0.040	20.725	-0.020
15.048	-0.009	15.079	-0.010	15.086	-0.019	15.113	-0.024	20.746	0.0	20.783	0.015	20.801	0.030	20.839	0.030
15.141	-0.034	15.176	-0.039	15.202	-0.044	15.226	-0.034	20.856	0.030	20.881	0.035	20.905	0.040	20.923	0.036
15.257	-0.044	15.276	-0.039	15.296	-0.039	15.326	-0.024	20.952	0.026	20.966	0.022	20.990	0.012	21.010	0.003
15.352	-0.009	15.381	-0.004	15.406	0.011	15.433	0.011	21.045	-0.002	21.059	-0.002	21.084	-0.001	21.121	0.004
15.465	C.031	15.495	0.041	15.514	0.041	15.533	0.031	21.135	0.0	21.171	0.005	21.188	0.010	21.222	0.016
15.555	0.022	15.580	0.017	15.591	0.017	15.609	0.007	21.246	0.026	21.276	0.022	21.303	0.022	21.336	0.003
15.639	-0.002	15.666	-0.007	15.688	-0.017	15.712	-0.027	21.363	-0.001	21.398	-0.005	21.413	-0.015	21.448	-0.029
15.739	-0.022	15.760	-0.007	15.788	-0.006	15.821	-0.011	21.466	-0.039	21.483	-0.058	21.521	-0.063	21.542	-0.062
15.844	-0.011	15.870	-0.011	15.857	-0.006	15.918	-0.011	21.570	-0.062	21.583	-0.047	21.613	-0.042	21.623	-0.017
15.937	-0.016	15.965	-0.021	15.998	-0.021	16.042	-0.016	21.655	-0.007	21.677	0.013	21.700	0.028	21.731	0.068
16.044	-0.011	16.086	-0.006	16.107	-0.001	16.129	0.004	21.750	0.093	21.772	0.123	21.796	0.133	21.830	0.148
16.150	C.009	16.181	0.014	16.192	0.019	16.223	0.014	21.842	0.148	21.863	0.148	21.889	0.139	21.926	0.119
16.246	C.014	16.277	0.004	16.305	0.004	16.332	-0.006	21.943	0.104	21.960	0.069	21.986	0.040	22.006	0.0
16.359	-0.020	16.380	-0.030	16.403	-0.035	16.430	-0.050	22.030	-0.035	22.055	-0.064	22.093	-0.079	22.119	-0.089
16.461	-0.059	16.498	-0.064	16.518	-0.064	16.546	-0.064	22.133	-0.094	22.159	-0.099	22.169	-0.094	22.200	-0.089
16.556	-0.059	16.588	-0.039	16.609	-0.024	16.631	-0.004	22.211	-0.079	22.241	-0.060	22.255	-0.045	22.280	-0.030
16.653	C.011	16.684	0.031	16.705	0.045	16.735	0.060	22.303	-0.011	22.325	0.014	22.354	0.033	22.384	0.048
16.761	C.065	16.793	0.075	16.811	0.076	16.828	0.061	22.408	0.048	22.428	0.048	22.459	0.052	22.475	0.032
16.868	C.036	16.887	0.007	16.911	-0.013	16.933	-0.043	22.509	-0.022	22.538	-0.017	22.556	-0.012	22.582	-0.013
16.956	-0.057	16.998	-0.082	17.017	-0.087	17.046	-0.092	22.602	-0.042	22.634	-0.062	22.642	-0.062	22.661	-0.067
17.072	-0.096	17.092	-0.091	17.106	-0.081	17.129	-0.062	22.681	-0.058	22.714	-0.043	22.741	-0.048	22.765	-0.043
17.152	-0.042	17.174	-0.027	17.188	-0.012	17.225	0.023	22.783	-0.053	22.806	-0.063	22.816	-0.068	22.839	-0.077
17.248	0.043	17.276	0.058	17.296	0.068	17.331	0.073	22.852	-0.082	22.887	-0.092	22.893	-0.097	22.921	-0.112
17.349	0.069	17.367	0.049	17.385	0.049	17.407	0.030	22.957	-0.117	22.970	-0.126	22.986	-0.107	23.016	-0.077
17.417	C.020	17.440	-0.005	17.457	-0.020	17.485	-0.039	23.044	-0.042	23.076	-0.007	23.101	0.027	23.118	0.062
17.505	-0.049	17.515	-0.059	17.535	-0.064	17.567	-0.069	23.155	0.107	23.194	0.141	23.210	0.156	23.233	0.156
17.580	-0.069	17.593	-0.069	17.615	-0.069	17.627	-0.059	23.259	0.137	23.286	0.107	23.316	0.053	23.342	0.008
17.656	-0.059	17.675	-0.039	17.696	-0.020	17.716	-0.010	23.371	-0.051	23.391	-0.080	23.424	-0.100	23.453	-0.110
17.734	C.0	17.752	0.010	17.791	0.025	17.804	0.040	23.482	-0.100	23.489	-0.105	23.513	-0.095	23.542	-0.080
17.828	0.045	17.855	0.040	17.866	0.035	17.894	0.020	23.565	-0.055	23.591	-0.031	23.613	-0.001	23.640	0.038
17.921	C.010	17.947	0.005	17.973	-0.010	17.994	-0.020	23.676	0.083	23.702	0.098	23.732	0.113	23.758	0.108
18.024	-0.029	18.041	-0.029	18.062	-0.033	18.083	-0.028	23.781	0.113	23.807	0.118	23.832	0.108	23.857	0.108
18.111	-0.022	18.135	-0.007	18.157	-0.006	18.180	0.014	23.861	0.103	23.891	0.073	23.916	0.029	23.939	-0.020
18.200	C.009	18.226	0.025	18.254	0.030	18.295	0.046	23.966	-0.054	23.993	-0.084	24.027	-0.094	24.052	-0.088
18.313	C.056	18.325	0.056	18.362	0.047	18.380	0.038	24.071	-0.083	24.090	-0.083	24.126	-0.083	24.143	-0.078
18.403	0.033	18.427	0.014	18.448	0.005	18.470	-0.005	24.163	-0.048	24.185	-0.013	24.207	0.022	24.233	0.053
18.491	-0.014	18.500	-0.038	18.532	-0.048	18.556	-0.052	24.258	0.078	24.293	0.104	24.320	0.124	24.341	0.130
18.583	-0.047	18.612	-0.047	18.641	-0.042	18.681	-0.037	24.374	0.106	24.382	0.097	24.414	0.073	24.431	0.054
18.716	-0.033	18.756	-0.023	18.785	-0.013	18.822	-0.008	24.459	0.030	24.488	0.001	24.515	-0.023	24.559	-0.036
18.855	-0.009	18.898	-0.014	18.924	0.001	18.957	-0.005	24.589	-0.049	24.604	-0.053	24.635	-0.052	24.670	-0.051
19.000	-0.010	19.041	-0.015	19.075	-0.021	19.099	-0.021	24.703	-0.049	24.734	-0.038	24.754	-0.032	24.766	-0.027
19.140	-0.011	19.184	-0.011	19.226	-0.011	19.276	-0.001	24.781	-0.006	24.792	0.009	24.804	0.014	24.819	0.025
19.316	C.009	19.361	0.033	19.390	0.013	19.418	0.018	24.834	0.030	24.850	0.021	24.867	0.012	24.879	-0.002
19.428	-0.002	19.452	-0.002	19.489	0.017	19.521	0.027	24.896	0.011	24.911	-0.021	24.936	-0.020	24.956	-0.029
19.551	0.016	19.572	0.016	19.589	0.011	19.618	0.025	24.980	-0.044	25.001	-0.063	25.027	-0.062	25.035	-0.082
19.655	0.030	19.685	0.034	19.698	0.024	19.736	0.039	25.049	-0.077	25.072	-0.066	25.099	-0.051	25.124	-0.010

25.152	C.020	25.174	0.045	25.196	0.070	25.220	0.096	29.741	-0.129	29.763	-0.094	29.768	-0.020	29.783	0.010
25.243	0.116	25.259	0.121	25.276	0.127	25.302	0.132	29.799	0.069	29.822	0.114	29.839	0.179	29.859	0.213
25.316	0.123	25.334	0.113	25.350	0.094	25.378	0.090	29.874	0.238	29.893	0.268	29.906	0.288	29.923	0.293
25.395	0.070	25.415	0.051	25.445	0.046	25.466	0.022	29.933	0.303	29.944	0.303	29.956	0.303	29.982	0.294
25.487	-0.007	25.498	-0.022	25.517	-0.046	25.542	-0.051	29.983	0.254	30.000	0.190	30.023	0.097	30.043	0.033
25.558	-0.041	25.579	-0.036	25.599	-0.016	25.617	0.0	30.065	-0.041	30.086	-0.145	30.106	-0.164	30.132	-0.233
25.642	C.030	25.668	0.055	25.680	0.080	25.694	0.109	30.161	-0.277	30.185	-0.297	30.206	-0.316	30.224	-0.326
25.716	C.130	25.739	0.145	25.756	0.155	25.778	0.155	30.244	-0.326	30.265	-0.316	30.271	-0.301	30.289	-0.246
25.756	C.146	25.815	0.121	25.842	0.092	25.888	0.063	30.316	-0.196	30.342	-0.112	30.374	-0.037	30.396	0.017
25.888	C.023	25.910	-0.035	25.935	-0.089	25.968	-0.143	30.415	0.092	30.438	0.146	30.449	0.196	30.474	0.221
25.999	-0.197	26.016	-0.216	26.033	-0.231	26.045	-0.245	30.496	0.241	30.511	0.246	30.517	0.246	30.527	0.237
26.067	-0.245	26.093	-0.230	26.113	-0.195	26.126	-0.145	30.548	0.217	30.570	0.148	30.598	0.079	30.617	0.025
26.143	-0.110	26.159	-0.060	26.179	0.0	26.195	0.035	30.639	-0.039	30.660	-0.078	30.681	-0.117	30.711	-0.146
26.210	C.074	26.222	0.114	26.249	0.139	26.272	0.155	30.719	-0.176	30.739	-0.200	30.754	-0.205	30.770	-0.205
26.291	C.165	26.308	0.170	26.329	0.171	26.335	0.176	30.786	-0.204	30.807	-0.199	30.827	-0.174	30.845	-0.134
26.353	C.176	26.376	0.172	26.389	0.147	26.405	0.123	30.868	-0.099	30.897	-0.045	30.930	0.0	30.955	0.035
26.422	-0.079	26.453	0.020	26.478	-0.059	26.503	-0.118	30.973	0.080	30.988	0.095	31.013	0.130	31.032	0.160
26.524	-0.172	26.547	-0.236	26.569	-0.275	26.591	-0.314	31.068	0.170	31.065	0.185	31.081	0.160	31.099	0.136
26.611	-0.349	26.630	-0.353	26.640	-0.358	26.657	-0.328	31.132	0.112	31.164	0.087	31.191	0.038	31.216	0.014
26.675	-0.279	26.695	-0.239	26.711	-0.184	26.730	-0.129	31.244	-0.035	31.275	-0.069	31.311	-0.084	31.335	-0.103
26.747	-0.065	26.773	0.005	26.796	0.089	26.822	0.149	31.352	-0.108	31.356	-0.113	31.371	-0.108	31.403	-0.107
26.843	C.218	26.866	0.258	26.885	0.298	26.908	0.308	31.426	-0.092	31.438	-0.057	31.474	-0.037	31.493	-0.027
26.919	C.323	26.931	0.294	26.950	0.249	26.969	0.170	31.512	-0.007	31.531	0.028	31.553	0.073	31.585	0.123
26.987	C.126	27.006	0.062	27.026	0.008	27.045	-0.061	31.604	0.158	31.620	0.178	31.633	0.188	31.638	0.193
27.066	-0.100	27.086	-0.144	27.102	-0.169	27.120	-0.203	31.668	0.188	31.674	0.178	31.693	0.154	31.729	0.125
27.137	-0.218	27.154	-0.223	27.170	-0.213	27.188	-0.183	31.742	-0.095	31.761	-0.056	31.780	-0.027	31.804	-0.042
27.212	-0.133	27.235	-0.074	27.260	-0.014	27.284	-0.041	31.825	-0.091	31.848	-0.125	31.858	-0.165	31.879	-0.204
27.310	C.100	27.332	0.170	27.362	0.220	27.382	0.240	31.899	-0.233	31.918	-0.238	31.930	-0.248	31.946	-0.242
27.391	-0.260	27.404	-0.270	27.416	-0.270	27.442	-0.240	31.967	-0.227	31.994	-0.192	32.030	-0.132	32.062	-0.072
27.466	C.181	27.487	0.127	27.509	0.068	27.530	0.019	32.097	-0.017	32.116	0.033	32.135	0.098	32.173	0.143
27.553	-0.020	27.581	-0.059	27.602	-0.084	27.631	-0.103	32.184	0.168	32.202	0.188	32.218	0.213	32.231	0.218
27.657	-0.123	27.685	-0.137	27.700	-0.147	27.718	-0.137	32.245	0.233	32.259	0.228	32.276	0.219	32.298	0.190
27.739	-0.107	27.767	-0.062	27.792	-0.032	27.829	0.013	32.313	0.175	32.343	0.112	32.383	0.053	32.394	0.009
27.865	C.053	27.889	0.097	27.907	0.122	27.925	0.142	32.410	-0.021	32.428	-0.050	32.445	-0.074	32.458	-0.089
27.940	C.152	27.953	0.157	27.977	0.138	27.997	0.118	32.478	-0.099	32.490	-0.108	32.511	-0.108	32.539	-0.107
28.016	C.113	28.034	0.099	28.054	0.084	28.067	0.084	32.551	-0.102	32.583	-0.097	32.600	-0.087	32.611	-0.072
28.083	C.093	28.118	0.040	28.137	-0.029	28.158	-0.073	32.631	-0.056	32.642	-0.041	32.674	-0.041	32.694	-0.035
28.180	-C.093	28.199	-0.103	28.228	-0.108	28.236	-0.107	32.712	-0.035	32.733	-0.035	32.757	-0.034	32.782	-0.029
28.266	-0.112	28.289	-0.097	28.308	-0.092	28.339	-0.072	32.809	-0.019	32.833	-0.013	32.855	-0.003	32.873	0.012
28.360	-C.062	28.382	-0.042	28.401	-0.022	28.419	-0.002	32.899	0.027	32.923	0.028	32.952	0.038	32.982	0.048
28.436	C.023	28.461	0.038	28.484	0.062	28.504	0.087	32.998	0.068	33.023	0.093	33.052	0.113	33.079	0.119
28.517	C.092	28.532	0.107	28.544	0.117	28.561	0.127	33.107	0.129	33.118	0.139	33.162	0.149	33.178	0.194
28.579	C.118	28.601	0.108	28.619	0.078	28.642	0.059	33.198	0.150	33.222	0.145	33.253	0.131	33.280	0.116
28.658	C.034	28.676	0.019	28.695	0.0	28.715	-0.030	33.313	0.082	33.323	0.062	33.346	0.038	33.363	0.018
28.727	-0.054	28.739	-0.079	28.750	-0.089	28.764	-0.074	33.391	0.004	33.425	-0.016	33.442	-0.030	33.465	-0.045
28.789	-0.049	28.823	-0.029	28.846	0.001	28.864	0.045	33.474	-0.050	33.506	-0.060	33.535	-0.059	33.561	-0.049
28.881	C.055	28.911	0.071	28.933	0.086	28.951	0.101	33.586	-0.029	33.624	0.001	33.656	0.035	33.678	0.075
28.967	C.121	28.972	0.126	28.988	0.136	29.002	0.136	33.715	0.095	33.742	0.120	33.756	0.115	33.785	0.110
29.021	C.111	29.045	0.072	29.063	0.047	29.092	0.025	33.836	0.106	33.860	0.091	33.906	0.091	33.929	0.077
29.112	-0.013	29.142	-0.001	29.166	-0.026	29.185	-0.035	33.960	0.052	34.036	0.028	34.075	0.004	34.114	-0.031
29.199	-0.040	29.218	-0.040	29.237	-0.025	29.253	0.005	34.160	-0.060	34.183	-0.084	34.258	-0.118	34.313	-0.148
29.270	C.044	29.295	0.074	29.317	0.109	29.336	0.129	34.345	-0.182	34.398	-0.187	34.442	-0.191	34.502	-0.191
29.355	C.144	29.369	0.149	29.376	0.154	29.388	0.144	34.555	-0.166	34.607	-0.145	34.652	-0.106	34.702	-0.065
29.416	C.115	29.441	0.086	29.469	0.037	29.499	-0.018	34.750	-0.030	34.792	0.005	34.827	0.044	34.832	0.084
29.537	-0.086	29.568	-0.140	29.557	-0.199	29.621	-0.219	34.890	0.119	34.925	0.144	34.955	0.145	35.002	0.150
29.644	-0.224	29.667	-0.224	29.689	-0.208	29.713	-0.179	35.022	0.150	35.062	0.151	35.096	0.151	35.142	0.141

35.187	C.117	35.219	0.083	35.265	0.024	35.333	-0.025	42.000	0.135	42.025	0.140	42.035	0.131	42.064	0.121
35.413	-0.054	35.485	-0.083	35.538	-0.093	35.604	-0.107	42.092	0.102	42.119	0.053	42.155	-0.006	42.198	-0.084
35.663	-C.116	35.711	-0.106	35.781	0.086	35.850	0.061	42.247	-0.118	42.275	-0.138	42.294	-0.157	42.312	-0.147
35.947	C.006	36.030	0.029	36.071	0.084	36.117	0.134	42.318	-0.147	42.345	-0.142	42.371	-0.131	42.406	-0.096
36.155	C.154	36.187	0.174	36.221	0.194	36.262	0.189	42.434	-0.046	42.460	0.009	42.498	0.054	42.522	0.074
36.310	C.170	36.351	0.141	36.409	0.102	36.462	0.053	42.538	0.094	42.576	0.114	42.585	0.129	42.609	0.135
36.498	-C.001	36.546	-0.055	36.593	-0.099	36.615	-0.114	42.638	0.130	42.653	0.121	42.690	0.102	42.722	0.072
36.633	C.109	36.662	-0.079	36.690	-0.049	36.725	0.001	42.746	0.038	42.780	0.009	42.815	-0.010	42.844	-0.029
36.765	C.041	36.800	0.091	36.821	0.140	36.856	0.160	42.855	-0.039	42.885	-0.038	42.918	-0.038	42.944	-0.032
36.875	C.180	36.888	0.181	36.910	0.181	36.931	0.161	42.977	-0.017	43.008	0.003	43.043	0.029	43.066	0.049
36.962	C.147	36.985	0.118	37.008	0.073	37.040	-0.015	43.094	0.069	43.114	0.079	43.135	0.085	43.161	0.075
37.070	C.044	37.108	-0.108	37.135	-0.127	37.160	-0.137	43.188	0.066	43.217	0.042	43.232	0.037	43.271	0.013
37.181	-C.137	37.198	-0.136	37.237	-0.131	37.268	-0.115	43.313	-0.006	43.334	-0.026	43.359	-0.035	43.379	-0.045
37.306	-C.085	37.330	-0.055	37.363	0.005	37.388	0.040	43.385	-0.045	43.430	-0.044	43.463	-0.038	43.499	-0.023
37.414	C.089	37.434	0.119	37.451	0.139	37.471	0.154	43.528	-0.018	43.544	-0.012	43.576	-0.017	43.596	-0.027
37.482	C.155	37.505	0.155	37.530	0.140	37.547	0.121	43.617	-0.036	43.638	-0.041	43.664	-0.035	43.693	-0.020
37.581	C.102	37.603	0.082	37.623	0.073	37.651	0.034	43.718	-0.005	43.752	0.005	43.785	0.021	43.810	0.031
37.681	C.019	37.703	0.0	37.735	0.0	37.757	0.0	43.834	0.026	43.857	0.027	43.877	0.027	43.908	0.023
37.780	-C.004	37.799	-0.014	37.840	-0.013	37.878	-0.008	43.943	0.013	43.959	0.014	43.980	0.019	44.002	0.020
37.914	C.008	37.931	0.013	37.956	0.023	37.992	0.019	44.020	0.025	44.033	0.025	44.048	0.025	44.057	0.031
38.016	C.024	38.031	0.010	38.056	0.0	38.088	0.011	44.079	0.031	44.095	0.036	44.121	0.037	44.143	0.042
38.121	C.011	38.155	0.007	38.192	0.008	38.234	0.013	44.159	0.038	44.181	0.038	44.206	0.038	44.221	0.029
38.253	C.019	38.277	0.024	38.299	0.029	38.327	0.025	44.234	0.034	44.245	0.029	44.262	0.040	44.286	0.035
38.363	C.030	38.404	0.036	38.422	0.026	38.447	0.027	44.313	0.031	44.340	0.016	44.366	0.002	44.382	-0.012
38.461	C.032	38.479	0.042	38.501	0.042	38.528	0.048	44.409	-0.032	44.434	-0.041	44.467	-0.045	44.484	-0.049
38.553	C.048	38.576	0.039	38.594	0.034	38.627	0.030	44.501	-0.054	44.526	-0.053	44.541	-0.058	44.570	-0.062
38.653	C.040	38.673	0.050	38.687	0.060	38.711	0.061	44.580	-0.067	44.592	-0.076	44.611	-0.076	44.632	-0.071
38.724	C.051	38.751	0.032	38.786	0.039	38.826	-0.031	44.654	-0.060	44.679	-0.050	44.691	-0.034	44.709	-0.024
38.872	-C.070	38.900	-0.109	38.927	-0.099	38.951	-0.093	44.736	-0.014	44.763	0.002	44.776	0.022	44.794	0.032
39.105	-C.002	39.123	0.003	39.162	0.009	39.190	0.001	44.811	0.043	44.817	0.053	44.833	0.058	44.854	0.063
39.210	C.009	39.243	0.010	39.258	0.005	39.284	0.009	44.879	0.054	44.903	0.035	44.930	-0.004	44.958	-0.033
39.303	-0.009	39.335	-0.013	39.360	-0.028	39.369	-0.038	44.979	0.038	44.999	0.037	45.020	-0.067	45.036	-0.076
39.405	-0.047	39.441	-0.041	39.469	-0.041	39.498	-0.036	45.058	-0.086	45.095	-0.080	45.122	-0.069	45.146	-0.054
39.523	-C.025	39.554	-0.010	39.580	0.020	39.607	0.045	45.170	-0.039	45.197	-0.028	45.205	-0.004	45.222	0.002
39.628	C.065	39.652	0.090	39.682	0.096	39.708	0.081	45.248	0.022	45.273	0.047	45.298	0.053	45.310	0.058
39.747	C.077	39.768	0.062	39.800	0.033	39.841	0.069	45.336	0.063	45.358	0.059	45.398	0.055	45.436	0.035
39.872	-C.020	39.914	-0.044	39.950	-0.064	39.985	-0.073	45.456	-0.016	45.480	-0.001	45.501	-0.003	45.510	-0.008
40.018	-C.082	40.043	-0.072	40.076	-0.067	40.105	-0.057	45.545	-0.008	45.566	-0.013	45.583	-0.007	45.616	-0.007
40.136	-C.046	40.173	-0.031	40.206	-0.016	40.239	-0.010	45.643	-0.012	45.694	-0.001	45.720	0.004	45.752	0.010
40.258	-C.005	40.278	0.0	40.316	-0.005	40.348	-0.009	45.784	0.020	45.786	0.030	45.817	0.030	45.836	0.035
40.387	-0.019	40.403	-0.028	40.429	-0.038	40.454	-0.047	45.857	0.040	45.868	0.041	45.880	0.041	45.906	0.041
40.477	-C.052	40.491	-0.066	40.509	-0.061	40.544	-0.051	45.920	0.036	45.942	0.036	45.956	0.032	45.977	0.027
40.579	-C.030	40.608	-0.010	40.633	0.015	40.670	0.036	45.998	0.022	46.013	0.012	46.020	0.012	46.025	0.013
40.694	0.051	40.722	0.061	40.747	0.072	40.779	0.072	46.038	0.008	46.048	-0.007	46.065	-0.012	46.086	-0.021
40.784	0.072	40.804	0.063	40.844	0.068	40.871	0.064	46.112	-0.031	46.139	-0.026	46.157	-0.026	46.178	-0.021
40.917	0.060	40.930	0.050	40.961	0.041	40.996	0.028	46.201	-0.020	46.227	-0.025	46.252	-0.025	46.267	-0.015
41.020	-C.008	41.049	-0.001	41.077	-0.005	41.095	-0.014	46.292	-0.010	46.320	0.006	46.350	0.016	46.366	0.026
41.132	-C.018	41.148	-0.028	41.175	-0.037	41.205	-0.036	46.397	0.052	46.426	0.041	46.457	0.047	46.474	0.052
41.237	-C.030	41.270	-0.024	41.295	-0.019	41.320	-0.036	46.476	0.052	46.500	0.048	46.514	0.048	46.545	0.053
41.357	-C.002	41.379	0.008	41.403	0.019	41.423	0.034	46.566	0.049	46.582	0.049	46.607	0.040	46.620	0.045
41.443	0.044	41.459	0.069	41.476	0.075	41.491	0.080	46.639	0.035	46.670	0.026	46.679	0.026	46.696	0.021
41.509	C.076	41.540	0.042	41.575	0.003	41.619	-0.026	46.718	0.017	46.737	0.012	46.749	0.012	46.767	0.013
41.651	-0.045	41.687	-0.054	41.715	-0.063	41.739	-0.053	46.777	0.013	46.798	0.013	46.823	0.004	46.849	-0.001
41.773	-0.047	41.818	-0.031	41.844	-0.001	41.864	0.019	46.902	-0.005	46.921	-0.004	46.958	-0.018	46.994	-0.022
41.885	0.054	41.908	0.084	41.957	0.110	41.973	0.130	47.014	-0.027	47.051	-0.026	47.078	-0.030	47.100	-0.025
								47.129	-0.024	47.151	-0.023	47.186	-0.018	47.212	-0.017

47.243	-0.016	47.269	-0.016	47.285	-0.001	47.286	0.004	52.214	-0.010	52.238	0.0	52.260	0.006	52.288	0.006
47.301	0.015	47.324	0.025	47.344	0.030	47.370	0.041	52.313	0.016	52.335	0.022	52.354	0.027	52.375	0.032
47.394	0.046	47.418	0.057	47.419	0.062	47.445	0.067	52.399	0.037	52.417	0.043	52.436	0.048	52.457	0.048
47.458	0.062	47.495	0.058	47.516	0.054	47.548	0.044	52.478	0.048	52.498	0.053	52.520	0.044	52.541	0.044
47.552	0.040	47.590	0.035	47.595	0.031	47.627	0.016	52.565	0.034	52.589	0.030	52.616	0.015	52.652	0.016
47.657	0.012	47.667	0.007	47.685	0.003	47.715	0.002	52.675	-0.004	52.695	-0.004	52.718	-0.018	52.745	-0.023
47.747	-0.001	47.768	0.009	47.756	0.010	47.824	0.010	52.760	-0.022	52.773	-0.022	52.800	-0.012	52.816	-0.017
47.859	0.011	47.893	0.012	47.915	0.007	47.941	0.008	52.835	-0.017	52.857	-0.016	52.877	-0.016	52.895	-0.011
47.974	0.009	48.005	0.010	48.034	0.0	48.065	-0.004	52.915	-0.006	52.934	-0.005	52.955	-0.010	52.986	0.001
48.086	-0.013	48.111	-0.018	48.137	-0.027	48.156	-0.036	53.015	0.006	53.043	0.008	53.062	0.012	53.082	0.012
48.182	-0.041	48.208	-0.030	48.237	-0.030	48.258	-0.024	53.098	0.012	53.121	0.008	53.138	0.008	53.155	-0.001
48.282	-0.014	48.308	-0.003	48.333	-0.003	48.344	0.003	53.174	-0.001	53.187	-0.006	53.209	-0.015	53.222	-0.010
48.371	0.008	48.395	0.009	48.419	0.004	48.449	0.010	53.242	-0.010	53.262	-0.006	53.281	-0.019	53.301	-0.029
48.471	-0.001	48.494	0.001	48.522	0.002	48.541	-0.008	53.328	-0.023	53.349	-0.023	53.376	-0.017	53.396	-0.002
48.573	-0.012	48.601	-0.016	48.633	-0.015	48.648	-0.020	53.424	-0.016	53.445	-0.001	53.471	0.005	53.491	0.025
48.664	-0.010	48.685	-0.009	48.711	0.001	48.730	0.007	53.512	0.040	53.536	0.046	53.555	0.061	53.575	0.066
48.781	0.018	48.806	0.028	48.826	0.044	48.844	0.049	53.597	0.077	53.622	0.068	53.639	0.063	53.655	0.063
48.866	0.050	48.901	0.046	48.934	0.036	48.959	0.022	53.675	0.044	53.697	0.035	53.714	0.023	53.736	0.011
48.982	0.008	48.997	0.003	49.028	-0.016	49.053	-0.030	53.753	0.006	53.779	-0.023	53.779	-0.023	53.795	-0.027
49.070	-0.040	49.096	-0.049	49.107	-0.064	49.123	-0.054	53.817	-0.046	53.840	-0.041	53.859	-0.045	53.880	-0.035
49.151	-0.053	49.189	-0.043	49.229	-0.032	49.262	-0.016	53.900	-0.035	53.928	-0.024	53.951	-0.014	53.966	-0.006
49.252	0.004	49.319	0.019	49.351	0.035	49.384	0.045	53.984	0.006	54.030	0.021	54.015	0.041	54.027	0.041
49.401	0.046	49.437	0.051	49.469	0.062	49.494	0.052	54.043	0.061	54.060	0.076	54.074	0.077	54.094	0.082
49.520	0.047	49.539	0.043	49.571	0.038	49.600	0.035	54.110	0.087	54.139	0.082	54.161	0.078	54.180	0.073
49.616	0.039	49.639	0.015	49.658	0.039	49.680	0.035	54.195	0.073	54.211	0.069	54.236	0.054	54.251	0.054
49.702	0.030	49.723	0.040	49.739	0.036	49.756	0.041	54.270	0.040	54.287	0.035	54.309	0.035	54.331	0.021
49.786	0.036	49.804	0.022	49.830	0.022	49.850	0.017	54.348	0.021	54.376	0.007	54.394	0.007	54.417	0.002
49.871	0.008	49.886	-0.002	49.856	0.003	49.915	0.008	54.442	0.008	54.459	-0.002	54.479	0.008	54.497	0.003
49.939	0.003	49.957	0.012	49.972	0.002	49.986	0.007	54.523	0.008	54.550	0.013	54.569	0.023	54.590	0.028
50.007	0.007	50.030	0.012	50.049	0.017	50.065	0.022	54.602	0.023	54.622	0.033	54.637	0.043	54.654	0.048
50.087	0.036	50.102	0.041	50.115	0.046	50.136	0.061	54.671	0.048	54.685	0.053	54.704	0.053	54.717	0.048
50.156	0.066	50.173	0.070	50.199	0.075	50.223	0.075	54.733	0.048	54.751	0.048	54.774	0.033	54.786	0.033
50.246	0.079	50.265	0.079	50.278	0.069	50.296	0.059	54.808	0.023	54.829	0.014	54.851	-0.001	54.873	-0.001
50.310	0.054	50.331	0.053	50.348	0.043	50.361	0.038	54.896	-0.021	54.911	-0.026	54.932	-0.021	54.956	-0.031
50.378	0.033	50.398	0.033	50.413	0.028	50.428	0.038	54.980	-0.026	55.007	-0.026	55.031	-0.026	55.054	-0.022
50.445	0.033	50.466	0.023	50.482	0.028	50.505	0.018	55.075	-0.012	55.100	-0.002	55.120	0.003	55.140	0.003
50.535	0.013	50.551	0.013	50.573	0.009	50.596	0.009	55.161	0.012	55.177	0.012	55.193	0.012	55.211	0.012
50.616	0.009	50.638	0.009	50.658	-0.001	50.673	0.004	55.229	0.017	55.253	0.017	55.269	0.017	55.286	0.012
50.695	-0.006	50.717	-0.015	50.737	-0.015	50.760	-0.015	55.304	0.012	55.329	0.012	55.344	0.007	55.369	-0.008
50.753	0.0	50.820	0.0	50.843	0.0	50.866	0.010	55.389	-0.013	55.411	-0.018	55.433	-0.023	55.454	-0.033
50.886	0.020	50.903	0.020	50.918	0.025	50.935	0.035	55.475	-0.028	55.499	-0.028	55.525	-0.028	55.549	-0.013
50.957	0.031	50.978	0.036	50.996	0.037	51.013	0.032	55.569	-0.004	55.587	0.011	55.600	0.016	55.624	0.031
51.035	0.032	51.059	0.023	51.083	-0.006	51.104	-0.011	55.647	0.041	55.664	0.051	55.684	0.076	55.701	0.080
51.127	-0.010	51.150	-0.029	51.173	-0.034	51.201	-0.048	55.720	0.090	55.738	0.090	55.762	0.095	55.784	0.090
51.228	-0.063	51.254	-0.072	51.274	-0.081	51.301	-0.101	55.794	0.085	55.809	0.080	55.826	0.061	55.847	0.046
51.321	-0.100	51.340	-0.095	51.356	-0.095	51.373	-0.089	55.869	0.026	55.890	0.016	55.905	-0.009	55.929	-0.023
51.388	-0.079	51.411	-0.069	51.433	-0.049	51.458	-0.033	55.951	-0.047	55.976	-0.062	55.998	-0.091	56.020	-0.106
51.481	-0.018	51.502	-0.003	51.526	0.013	51.549	0.038	56.044	-0.125	56.067	-0.105	56.080	-0.105	56.093	-0.095
51.569	0.053	51.589	0.053	51.613	0.064	51.632	0.074	56.115	-0.075	56.139	-0.045	56.156	-0.025	56.176	0.0
51.653	0.084	51.671	0.080	51.690	0.080	51.711	0.086	56.194	0.016	56.209	0.026	56.232	0.061	56.261	0.061
51.729	0.081	51.743	0.081	51.759	0.082	51.769	0.072	56.280	0.066	56.295	0.066	56.314	0.072	56.336	0.067
51.789	0.057	51.806	0.048	51.827	0.034	51.849	0.024	56.356	0.053	56.376	0.043	56.399	0.028	56.420	0.024
51.875	0.015	51.892	0.005	51.909	-0.009	51.924	-0.014	56.436	0.004	56.450	-0.001	56.470	-0.020	56.490	-0.030
51.944	-0.019	51.965	-0.028	51.987	-0.033	52.008	-0.033	56.508	-0.054	56.527	-0.064	56.546	-0.078	56.566	-0.088
52.032	-0.027	52.049	-0.032	52.075	-0.032	52.098	-0.031	56.588	-0.088	56.613	-0.087	56.633	-0.072	56.655	-0.047
52.122	-0.026	52.144	-0.021	52.165	-0.020	52.190	-0.015	56.676	-0.037	56.698	-0.022	56.720	0.003	56.740	0.018

56.765	C.043	56.783	0.058	56.807	0.068	56.828	0.083
56.851	C.079	56.872	0.064	56.896	0.059	56.920	0.045
56.949	C.020	56.976	-0.004	57.003	-0.034	57.031	-0.044
57.055	-C.063	57.083	-0.073	57.110	-0.088	57.145	-0.078
57.172	-C.073	57.194	-0.058	57.217	-0.048	57.234	-0.033
57.258	C.002	57.278	0.012	57.297	0.037	57.315	0.052
57.338	C.076	57.360	0.096	57.382	0.092	57.408	0.097
57.426	C.097	57.444	0.097	57.465	0.068	57.487	0.053
57.504	C.038	57.523	0.024	57.544	0.004	57.559	-0.020
57.581	-C.040	57.600	-0.030	57.620	-0.039	57.638	-0.039
57.656	-C.039	57.677	-0.029	57.702	-0.028	57.719	-0.018
57.746	-C.008	57.767	-0.004	57.791	0.017	57.809	0.032
57.829	C.048	57.847	0.053	57.870	0.053	57.893	0.053
57.915	C.044	57.937	0.044	57.954	0.039	57.976	0.035
57.993	C.030	58.010	0.035	58.032	0.031	58.055	0.026
58.084	C.022	58.103	0.027	58.124	0.028	58.150	0.023
58.175	C.014	58.199	0.009	58.221	0.009	58.243	0.0
58.267	0.0	58.292	-0.004	58.317	-0.004	58.339	-0.008
58.355	-C.008	58.374	-0.003	58.402	-0.012	58.426	-0.017
58.448	-C.016	58.462	-0.011	58.482	-0.016	58.507	-0.016
58.526	-C.005	58.550	-0.015	58.573	0.0	58.594	0.001
58.615	0.006	58.634	0.016	58.664	0.036	58.683	0.032
58.711	C.037	58.738	0.047	58.775	0.048	58.800	0.053
58.836	C.059	58.858	0.069	58.892	0.069	58.921	0.070
58.946	C.065	58.981	0.051	59.009	0.041	59.040	0.032
59.071	C.003	59.101	-0.012	59.137	-0.026	59.162	-0.040
59.182	-C.045	59.208	-0.050	59.234	-0.054	59.264	-0.054
59.287	-C.053	59.309	-0.048	59.333	-0.038	59.353	-0.028
59.377	-C.018	59.399	-0.007	59.426	0.003	59.451	0.008
59.468	C.008	59.493	0.018	59.515	0.013	59.534	0.018
59.557	C.009	59.583	0.004	59.611	-0.006	59.635	-0.020
59.654	-C.020	59.680	-0.035	59.706	-0.030	59.732	-0.044
59.751	-C.034	59.772	-0.029	59.789	-0.034	59.811	-0.034
59.836	-C.029	59.862	-0.029	59.882	-0.014	59.912	-0.004
59.939	C.006	59.964	0.021	59.990	0.021	60.007	0.031
60.030	C.041	60.054	0.041	60.077	0.041	60.102	0.036
60.125	C.027	60.147	0.027	60.169	0.017	60.192	0.017
60.214	C.012	60.238	0.012	60.263	0.012	60.283	0.002
60.307	C.012	60.328	0.002	60.350	-0.002	60.375	-0.002
60.392	-C.007	60.415	-0.007	60.438	-0.017	60.467	-0.032
60.486	-C.037	60.509	-0.027	60.526	-0.032	60.553	-0.037

1Y381

68.025. 4/8/68 1830PST HOLLYWOOD STORAGE, PENTHOUSE, LOS ANGELES, CAL. UP

2479 POINTS 60.533 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0212 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.037	0.019	-0.037	0.030	-0.042	0.045	-0.037	2.944	0.017	2.968	0.016	2.998	0.015	3.030	-0.006				
0.056	-0.021	0.065	-0.016	0.083	-0.006	0.105	-0.016	3.050	-0.022	3.074	-0.018	3.099	-0.008	3.117	-0.009				
0.119	-0.021	0.131	-0.021	0.143	-0.011	0.163	-0.006	3.130	-0.009	3.146	-0.009	3.163	-0.010	3.205	0.004				
0.180	-0.006	0.199	-0.006	0.221	-0.006	0.247	0.004	3.233	0.004	3.246	0.003	3.261	-0.002	3.276	-0.002				
0.257	0.004	0.270	0.004	0.294	-0.001	0.307	-0.001	3.297	0.003	3.324	0.002	3.335	0.002	3.355	0.002				
0.322	-0.001	0.333	-0.001	0.349	-0.001	0.367	-0.001	3.377	0.002	3.393	0.001	3.411	0.001	3.435	0.001				
0.384	-0.011	0.400	-0.026	0.412	-0.026	0.423	-0.037	3.462	0.0	3.482	0.0	3.505	0.0	3.527	-0.001				
0.439	-0.037	0.456	-0.026	0.476	-0.021	0.490	-0.026	3.548	-0.006	3.573	-0.006	3.590	-0.017	3.613	-0.017				
0.505	-0.037	0.517	-0.042	0.535	-0.037	0.554	-0.031	3.627	-0.027	3.647	-0.028	3.670	-0.023	3.700	-0.008				
0.569	-0.031	0.582	-0.031	0.598	-0.037	0.613	-0.031	3.727	-0.008	3.742	-0.009	3.766	-0.019	3.795	-0.009				
0.630	-0.031	0.651	-0.021	0.666	-0.016	0.678	-0.006	3.826	0.0	3.848	0.0	3.875	0.0	3.904	0.0				
0.699	0.004	0.712	0.014	0.728	0.020	0.742	0.025	3.931	0.005	3.941	0.010	3.968	0.015	3.989	0.015				
0.757	0.025	0.779	0.020	0.789	0.014	0.802	0.014	4.013	0.0	4.035	-0.010	4.055	-0.010	4.072	0.0				
0.820	0.025	0.834	0.025	0.851	0.020	0.868	0.009	4.091	0.0	4.111	0.005	4.124	0.0	4.145	-0.011				
0.881	-0.006	0.896	-0.011	0.918	-0.011	0.934	-0.006	4.164	-0.011	4.184	-0.011	4.209	0.005	4.226	0.005				
0.948	-0.006	0.968	-0.006	0.980	-0.011	0.997	-0.011	4.257	0.010	4.267	0.010	4.284	0.004	4.310	-0.001				
1.010	-0.016	1.026	-0.021	1.043	-0.031	1.060	-0.042	4.337	0.009	4.368	0.030	4.386	0.024	4.413	0.024				
1.085	-0.037	1.111	-0.011	1.128	-0.001	1.144	-0.006	4.428	0.019	4.453	0.014	4.471	0.014	4.493	0.014				
1.162	-0.021	1.179	-0.026	1.200	-0.016	1.219	-0.016	4.516	0.009	4.536	0.009	4.560	0.008	4.577	-0.002				
1.234	-0.021	1.248	-0.026	1.261	-0.026	1.277	-0.021	4.593	-0.022	4.615	-0.022	4.643	-0.023	4.661	-0.012				
1.253	-0.011	1.315	0.014	1.332	0.009	1.348	0.009	4.677	-0.002	4.695	-0.018	4.716	-0.023	4.748	-0.008				
1.369	0.004	1.383	0.004	1.403	0.009	1.420	0.014	4.781	0.007	4.801	-0.003	4.823	-0.003	4.839	-0.003				
1.438	0.014	1.456	0.014	1.476	0.009	1.492	-0.006	4.857	-0.003	4.874	-0.008	4.898	-0.014	4.921	-0.014				
1.517	-0.006	1.534	-0.006	1.558	-0.006	1.587	-0.006	4.942	-0.014	4.968	-0.014	4.990	-0.014	5.006	-0.014				
1.608	-0.006	1.636	-0.006	1.656	-0.006	1.679	-0.006	5.018	-0.015	5.039	-0.015	5.060	-0.020	5.081	-0.030				
1.699	-0.011	1.722	-0.016	1.750	-0.011	1.773	-0.001	5.110	-0.031	5.137	-0.026	5.157	-0.011	5.169	-0.016				
1.757	0.014	1.820	0.014	1.839	0.004	1.859	-0.002	5.192	-0.016	5.210	-0.027	5.229	-0.027	5.245	-0.017				
1.875	0.008	1.889	0.014	1.905	0.003	1.927	-0.002	5.262	-0.017	5.281	-0.007	5.306	-0.007	5.326	0.003				
1.949	-0.002	1.965	0.008	1.991	-0.003	2.007	0.028	5.346	0.003	5.372	-0.003	5.401	-0.003	5.418	0.002				
2.029	0.008	2.045	-0.003	2.068	-0.003	2.089	-0.003	5.428	0.002	5.443	0.002	5.476	0.002	5.500	0.001				
2.114	-0.003	2.133	-0.003	2.147	-0.003	2.171	0.007	5.518	0.001	5.537	-0.009	5.563	-0.019	5.583	-0.024				
2.156	0.012	2.213	0.012	2.237	0.012	2.253	0.007	5.601	-0.025	5.625	-0.020	5.647	-0.020	5.668	-0.015				
2.269	0.012	2.294	0.016	2.315	0.021	2.333	0.015	5.682	-0.010	5.703	-0.010	5.706	-0.010	5.736	0.0				
2.353	0.015	2.372	0.015	2.393	0.009	2.408	-0.002	5.758	0.0	5.778	0.0	5.803	-0.010	5.826	0.0				
2.431	-0.012	2.452	0.003	2.475	0.012	2.494	0.012	5.846	0.0	5.864	0.005	5.888	0.0	5.904	-0.001				
2.518	-0.019	2.535	-0.025	2.557	-0.025	2.578	-0.020	5.953	-0.001	5.973	-0.001	5.993	-0.001	6.000	-0.001				
2.595	-0.021	2.623	-0.021	2.637	-0.022	2.652	-0.012	6.007	0.009	6.044	0.009	6.056	0.009	6.080	-0.001				
2.670	-0.002	2.686	-0.012	2.706	-0.023	2.722	-0.023	6.113	-0.001	6.134	-0.001	6.161	-0.001	6.181	-0.001				
2.750	-0.009	2.770	0.001	2.790	-0.021	2.816	0.020	6.202	-0.001	6.224	-0.006	6.242	-0.006	6.262	0.004				
2.840	0.019	2.865	0.019	2.891	0.018	2.917	0.017	6.282	0.009	6.299	0.009	6.322	0.009	6.349	0.014				

6.371	C.014	6.389	0.014	6.406	0.014	6.422	0.004	11.153	-0.025	11.172	-0.025	11.195	-0.030	11.211	-0.030
6.437	-C.001	6.454	-0.001	6.471	0.009	6.487	0.009	11.229	-0.030	11.245	-0.030	11.271	-0.030	11.292	-0.025
6.505	C.009	6.530	-0.006	6.549	-0.006	6.568	0.006	11.314	-0.020	11.340	-0.010	11.360	-0.010	11.382	-0.011
6.582	-C.006	6.594	-0.006	6.610	-0.006	6.627	-0.006	11.399	-0.006	11.434	-0.006	11.458	-0.006	11.482	-0.011
6.647	0.006	6.664	0.006	6.681	0.004	6.699	0.004	11.508	-0.016	11.532	-0.016	11.551	-0.016	11.574	-0.016
6.716	0.004	6.743	-0.001	6.763	-0.011	6.781	0.006	11.598	-0.026	11.617	-0.031	11.633	-0.031	11.657	-0.031
6.802	C.009	6.829	0.009	6.851	0.014	6.873	0.014	11.680	-0.026	11.705	-0.026	11.733	-0.021	11.756	-0.021
6.894	C.009	6.924	0.009	6.942	0.009	6.969	0.009	11.777	-0.021	11.794	-0.021	11.815	-0.021	11.835	-0.016
6.955	C.009	7.024	0.009	7.051	0.009	7.067	0.004	11.857	-0.011	11.881	-0.006	11.908	-0.001	11.938	0.004
7.085	-C.006	7.103	-0.006	7.124	-0.001	7.140	0.004	11.962	0.004	11.989	0.004	12.004	0.004	12.030	0.004
7.164	-C.001	7.191	-0.001	7.208	-0.001	7.235	-0.001	12.049	0.004	12.069	-0.001	12.091	-0.006	12.110	0.006
7.256	-C.001	7.272	-0.001	7.284	-0.001	7.300	-0.001	12.128	-0.011	12.144	-0.016	12.159	-0.021	12.183	-0.031
7.320	-C.001	7.343	0.004	7.373	0.009	7.391	0.009	12.210	-0.016	12.232	-0.006	12.252	-0.001	12.275	-0.001
7.411	C.009	7.425	0.004	7.441	-0.001	7.453	-0.001	12.293	-0.006	12.308	-0.006	12.328	-0.001	12.355	-0.006
7.471	0.004	7.494	0.014	7.518	0.014	7.537	0.009	12.388	-0.006	12.400	-0.006	12.427	-0.006	12.453	-0.006
7.558	C.009	7.580	0.004	7.602	0.004	7.617	0.004	12.465	-0.006	12.485	-0.001	12.504	-0.001	12.524	-0.001
7.639	C.004	7.665	-0.011	7.693	-0.011	7.714	-0.016	12.551	-0.021	12.572	-0.021	12.592	-0.037	12.620	-0.031
7.734	-0.016	7.759	-0.016	7.801	-0.021	7.823	-0.011	12.648	-0.031	12.670	-0.042	12.694	-0.042	12.718	-0.042
7.852	-C.006	7.886	0.004	7.939	0.004	7.967	0.004	12.759	-0.031	12.755	-0.037	12.779	-0.031	12.798	-0.031
7.989	C.004	8.010	-0.001	8.034	-0.001	8.058	-0.001	12.820	-0.031	12.844	-0.021	12.866	-0.011	12.921	-0.006
8.086	-C.006	8.105	-0.006	8.125	-0.011	8.152	-0.012	12.941	-0.006	12.964	-0.001	12.986	-0.001	13.013	-0.006
8.173	-0.012	8.194	-0.007	8.221	-0.002	8.247	-0.002	13.036	-0.006	13.051	-0.006	13.078	-0.006	13.112	-0.011
8.267	-0.002	8.291	-0.002	8.312	-0.002	8.330	-0.002	13.139	-0.011	13.166	-0.011	13.197	-0.011	13.229	-0.011
8.348	-C.002	8.371	-0.002	8.389	-0.002	8.412	-0.002	13.242	-0.011	13.258	-0.026	13.286	-0.026	13.318	-0.021
8.436	-C.002	8.460	-0.002	8.485	-0.002	8.506	-0.002	13.338	-0.011	13.364	-0.011	13.384	-0.011	13.403	-0.011
8.521	-C.002	8.535	-0.003	8.553	-0.002	8.569	-0.002	13.425	-0.011	13.445	-0.001	13.471	-0.004	13.499	-0.004
8.591	C.018	8.607	0.017	8.627	0.007	8.637	-0.003	13.520	0.009	13.540	0.014	13.562	0.020	13.588	0.020
8.675	-C.008	8.676	-0.004	8.654	-0.003	8.711	-0.004	13.617	0.004	13.638	-0.011	13.662	0.020	13.696	-0.016
8.729	-0.004	8.746	-0.004	8.759	-0.004	8.771	-0.004	13.724	-0.031	13.756	-0.042	13.789	-0.037	13.803	-0.037
8.754	-C.004	8.808	-0.004	8.824	-0.004	8.833	-0.004	13.822	-0.037	13.842	-0.037	13.862	-0.037	13.885	-0.037
8.867	C.006	8.884	0.006	8.902	0.006	8.920	0.006	13.917	-0.031	13.941	-0.026	13.966	-0.026	13.996	-0.026
8.930	C.006	8.951	0.016	8.971	0.016	8.995	0.016	14.019	-0.021	14.041	-0.021	14.062	-0.021	14.076	-0.011
9.026	C.026	9.042	0.026	9.063	0.026	9.087	0.026	14.098	-0.006	14.127	-0.006	14.157	-0.006	14.181	-0.001
9.113	C.016	9.129	0.001	9.221	-0.010	9.245	0.001	14.298	-0.006	14.227	-0.016	14.248	-0.026	14.277	-0.026
9.181	C.001	9.200	0.006	9.221	-0.010	9.245	0.001	14.391	-0.021	14.412	-0.016	14.448	-0.016	14.470	-0.011
9.265	C.001	9.285	0.006	9.303	0.006	9.327	0.006	14.599	-0.016	14.511	-0.006	14.539	-0.006	14.559	-0.006
9.345	C.006	9.357	0.006	9.371	0.006	9.392	0.006	14.684	-0.006	14.684	-0.016	14.618	-0.016	14.650	-0.016
9.415	C.016	9.433	0.021	9.455	0.021	9.478	0.021	14.762	-0.011	14.783	-0.016	14.716	-0.006	14.738	-0.011
9.497	C.021	9.511	0.016	9.530	-0.005	9.555	-0.015	14.828	-0.016	14.864	-0.016	14.799	-0.016	14.809	-0.016
9.578	-C.015	9.603	-0.015	9.626	-0.015	9.645	-0.015	14.927	-0.021	14.952	-0.026	14.971	-0.026	14.992	-0.026
9.671	-C.015	9.702	-0.025	9.729	-0.020	9.755	-0.010	15.013	-0.026	15.056	-0.026	15.082	-0.031	15.111	-0.031
9.777	-C.005	9.803	0.005	9.834	0.005	9.855	0.005	15.133	-0.037	15.154	-0.031	15.174	-0.031	15.194	-0.031
9.882	C.005	9.924	0.005	9.951	0.010	9.965	0.010	15.216	-0.031	15.240	-0.026	15.264	-0.016	15.285	-0.011
9.986	C.009	10.006	-0.001	10.029	-0.001	10.045	-0.011	15.308	-0.006	15.334	-0.016	15.355	-0.031	15.374	-0.037
10.064	-0.012	10.109	-0.012	10.128	-0.018	10.157	-0.013	15.398	-0.037	15.419	-0.037	15.441	-0.037	15.458	-0.037
10.179	-0.014	10.210	-0.014	10.234	-0.015	10.248	-0.015	15.481	-0.037	15.512	-0.026	15.525	-0.026	15.549	-0.026
10.263	-C.015	10.282	-0.016	10.357	-0.021	10.333	-0.011	15.573	-0.026	15.603	-0.011	15.624	-0.016	15.654	-0.016
10.351	-C.007	10.370	-0.002	10.394	-0.002	10.421	0.007	15.671	-0.016	15.696	-0.011	15.719	-0.021	15.755	-0.021
10.448	C.012	10.470	0.012	10.497	0.011	10.515	0.011	15.783	-0.021	15.798	-0.021	15.822	-0.031	15.840	-0.031
10.541	C.005	10.563	0.0	10.584	-0.006	10.606	-0.011	15.868	-0.031	15.887	-0.026	15.909	-0.011	15.932	-0.006
10.626	-C.012	10.649	-0.017	10.673	-0.018	10.688	-0.023	15.967	-0.001	15.989	-0.006	16.012	-0.006	16.053	-0.001
10.707	-C.029	10.724	-0.039	10.742	-0.039	10.770	-0.035	16.071	-0.011	16.096	-0.016	16.137	-0.006	16.151	-0.016
10.789	-C.030	10.810	-0.020	10.834	-0.026	10.861	-0.016	16.176	-0.016	16.204	-0.021	16.227	-0.026	16.250	-0.026
10.877	-C.011	10.897	-0.001	10.923	0.003	10.939	0.003	16.281	-0.031	16.305	-0.031	16.341	-0.031	16.371	-0.031
10.951	0.003	10.969	0.002	11.005	0.002	11.029	-0.004								
11.053	-C.004	11.080	-0.009	11.108	-0.014	11.128	-0.014								

16.392	-C.026	16.416	-0.025	16.446	-0.025	16.483	-0.020	22.203	-0.001	22.224	-0.001	22.240	-0.001	22.267	-0.011
16.507	-C.015	16.530	-0.015	16.545	-0.015	16.564	-0.015	22.297	-0.010	22.328	-0.020	22.353	-0.014	22.376	-0.009
16.586	-C.020	16.608	-0.020	16.645	-0.030	16.676	-0.035	22.414	-0.002	22.450	-0.003	22.476	-0.005	22.497	-0.010
16.765	-C.035	16.734	-0.034	16.751	-0.034	16.762	-0.034	22.517	-0.001	22.532	-0.006	22.560	-0.005	22.582	-0.017
16.781	-C.039	16.804	-0.034	16.831	-0.029	16.861	-0.018	22.606	0.006	22.630	0.022	22.652	0.022	22.669	0.007
16.887	-C.018	16.913	-0.013	16.930	-0.013	16.956	-0.013	22.689	0.003	22.708	-0.002	22.728	-0.022	22.758	-0.016
16.981	-C.013	17.010	-0.013	17.046	-0.007	17.068	-0.007	22.777	-0.021	22.797	-0.005	22.816	0.0	22.838	0.006
17.166	-C.002	17.128	-0.002	17.154	-0.002	17.180	-0.002	22.880	0.012	22.902	0.013	22.929	0.018	22.959	0.029
17.288	-C.012	17.233	-0.017	17.257	-0.027	17.281	-0.037	22.998	0.035	23.039	0.035	23.073	0.024	23.113	0.005
17.304	-C.037	17.326	-0.027	17.350	-0.027	17.372	-0.027	23.148	0.001	23.179	-0.004	23.209	-0.024	23.247	-0.014
17.400	-C.017	17.428	-0.011	17.449	-0.006	17.468	-0.006	23.286	-0.003	23.319	0.007	23.348	0.017	23.385	0.033
17.491	-C.006	17.516	-0.001	17.539	-0.001	17.556	-0.001	23.420	0.043	23.463	0.044	23.488	0.054	23.510	0.054
17.587	-C.011	17.605	-0.011	17.617	-0.011	17.649	-0.011	23.535	0.054	23.555	0.054	23.590	0.043	23.628	0.028
17.678	-C.011	17.698	-0.011	17.715	-0.011	17.742	-0.031	23.660	0.023	23.703	0.027	23.737	0.002	23.766	0.002
17.764	-C.037	17.786	-0.037	17.818	-0.042	17.855	-0.042	23.793	0.012	23.816	0.001	23.845	-0.014	23.887	-0.014
17.887	-C.037	17.918	-0.021	17.955	-0.021	17.971	-0.021	23.929	0.016	23.956	0.026	23.986	0.041	24.008	0.026
18.002	-C.011	18.029	-0.006	18.050	-0.006	18.081	-0.011	24.037	0.036	24.065	0.031	24.092	0.046	24.147	0.041
18.103	-C.016	18.142	-0.016	18.173	-0.016	18.202	-0.016	24.177	0.046	24.211	0.041	24.268	0.015	24.297	-0.005
18.234	-C.021	18.263	-0.021	18.291	-0.021	18.312	-0.021	24.332	-0.016	24.359	-0.016	24.384	-0.021	24.407	-0.016
18.329	-C.026	18.353	-0.031	18.373	-0.026	18.392	-0.021	24.432	-0.006	24.463	0.0	24.492	-0.006	24.519	-0.011
18.410	-C.016	18.432	-0.006	18.452	-0.001	18.474	0.009	24.542	-0.006	24.569	0.004	24.584	0.004	24.609	-0.006
18.458	C.009	18.516	-0.011	18.539	-0.006	18.561	0.004	24.630	-0.006	24.650	-0.006	24.661	-0.016	24.672	-0.026
18.582	-C.001	18.603	-0.011	18.628	-0.031	18.659	-0.026	24.682	-0.031	24.709	-0.037	24.737	-0.016	24.769	-0.006
18.684	-C.016	18.705	-0.016	18.726	-0.016	18.747	-0.015	24.797	-0.031	24.819	-0.047	24.846	-0.062	24.868	-0.062
18.773	-C.020	18.798	-0.030	18.822	-0.040	18.847	-0.035	24.899	-0.062	24.935	-0.042	24.962	-0.037	24.997	-0.026
18.872	-C.035	18.894	-0.025	18.923	-0.024	18.951	-0.024	25.015	-0.016	25.056	-0.005	25.076	0.005	25.092	0.010
18.977	-C.024	19.002	-0.024	19.027	-0.024	19.053	-0.024	25.127	-0.010	25.140	-0.005	25.175	-0.030	25.200	-0.040
19.082	-C.024	19.107	-0.023	19.168	-0.023	19.128	-0.023	25.226	-0.040	25.248	-0.045	25.264	-0.055	25.300	-0.054
19.277	-C.025	19.300	-0.025	19.324	-0.025	19.342	-0.024	25.327	-0.032	25.339	-0.028	25.370	-0.017	25.396	-0.012
19.353	-C.024	19.386	-0.024	19.412	-0.023	19.431	-0.023	25.426	-0.032	25.461	-0.036	25.478	-0.031	25.518	-0.005
19.448	-C.023	19.464	-0.022	19.486	-0.022	19.522	-0.021	25.541	0.001	25.557	-0.004	25.599	0.003	25.619	-0.007
19.539	-C.026	19.563	-0.020	19.602	-0.004	19.655	-0.013	25.659	-0.001	25.674	-0.005	25.699	-0.020	25.727	-0.029
19.697	-C.017	19.742	-0.006	19.769	-0.006	19.796	-0.015	25.776	-0.043	25.803	-0.043	25.830	-0.032	25.839	-0.021
19.818	-C.025	19.852	-0.019	19.876	-0.014	19.918	-0.003	25.864	-0.005	25.898	0.011	25.926	-0.004	25.962	0.013
19.949	-C.002	19.967	-0.002	19.986	-0.001	20.019	-0.003	25.991	0.024	26.005	0.045	26.053	0.056	26.095	0.052
20.042	0.010	20.065	0.0	20.100	0.001	20.143	-0.003	26.114	0.058	26.128	0.058	26.151	0.033	26.187	0.014
20.162	-C.008	20.184	-0.013	20.213	-0.017	20.242	-0.016	26.211	-0.001	26.236	-0.020	26.266	-0.035	26.301	-0.024
20.273	-C.016	20.308	-0.020	20.334	-0.025	20.358	-0.024	26.332	-0.013	26.361	-0.017	26.398	-0.017	26.424	-0.026
20.380	-C.024	20.415	-0.023	20.446	-0.023	20.477	-0.022	26.466	-0.031	26.495	-0.010	26.533	-0.009	26.565	-0.003
20.502	-C.011	20.539	-0.016	20.577	-0.010	20.607	-0.009	26.571	0.002	26.610	0.028	26.652	0.044	26.684	0.060
20.635	-C.009	20.664	0.002	20.690	0.012	20.721	0.003	26.700	0.070	26.733	0.050	26.770	0.036	26.781	-0.003
20.768	-C.027	20.808	-0.026	20.827	-0.026	20.844	-0.026	26.811	-0.021	26.855	0.001	26.884	0.001	26.916	-0.003
20.865	-C.020	20.889	-0.020	20.914	-0.019	20.923	-0.019	26.921	-0.018	26.935	-0.034	26.963	-0.033	26.986	-0.018
20.960	-C.019	20.983	-0.018	21.016	-0.013	21.034	-0.002	27.021	0.003	27.039	0.024	27.054	0.039	27.082	0.055
21.052	-C.002	21.073	-0.002	21.096	-0.001	21.122	0.004	27.120	0.066	27.156	0.082	27.184	0.102	27.212	0.093
21.143	0.004	21.167	0.015	21.184	0.010	21.202	0.005	27.225	0.078	27.247	0.057	27.277	0.038	27.309	0.018
21.235	C.0	21.260	-0.005	21.282	0.0	21.301	0.011	27.351	0.003	27.368	-0.007	27.403	-0.022	27.449	-0.011
21.329	C.016	21.359	0.017	21.396	0.017	21.416	0.012	27.480	-0.016	27.512	0.010	27.535	0.010	27.574	0.016
21.443	C.012	21.484	0.013	21.501	0.013	21.533	0.013	27.606	0.021	27.639	0.021	27.679	0.027	27.722	0.027
21.564	C.013	21.612	0.014	21.630	0.014	21.661	0.014	27.745	0.038	27.757	0.033	27.781	0.013	27.824	-0.012
21.682	C.014	21.698	0.014	21.721	0.004	21.746	0.014	27.853	-0.012	27.883	-0.033	27.929	-0.027	27.962	-0.048
21.712	C.004	21.802	-0.016	21.820	-0.026	21.855	-0.005	27.991	-0.042	28.013	-0.048	28.033	-0.032	28.054	-0.027
21.887	-C.015	21.915	-0.015	21.939	-0.015	21.963	-0.015	28.079	-0.032	28.098	-0.042	28.119	-0.042	28.149	-0.047
21.990	-C.015	22.016	-0.004	22.042	0.006	22.072	0.012	28.172	0.004	28.201	0.004	28.230	0.004	28.270	0.009
22.099	C.002	22.125	-0.003	22.158	-0.002	22.172	-0.002	28.291	0.014	28.318	0.014	28.363	0.003	28.372	0.003
								28.412	0.008	28.439	0.008	28.476	0.013	28.502	0.007

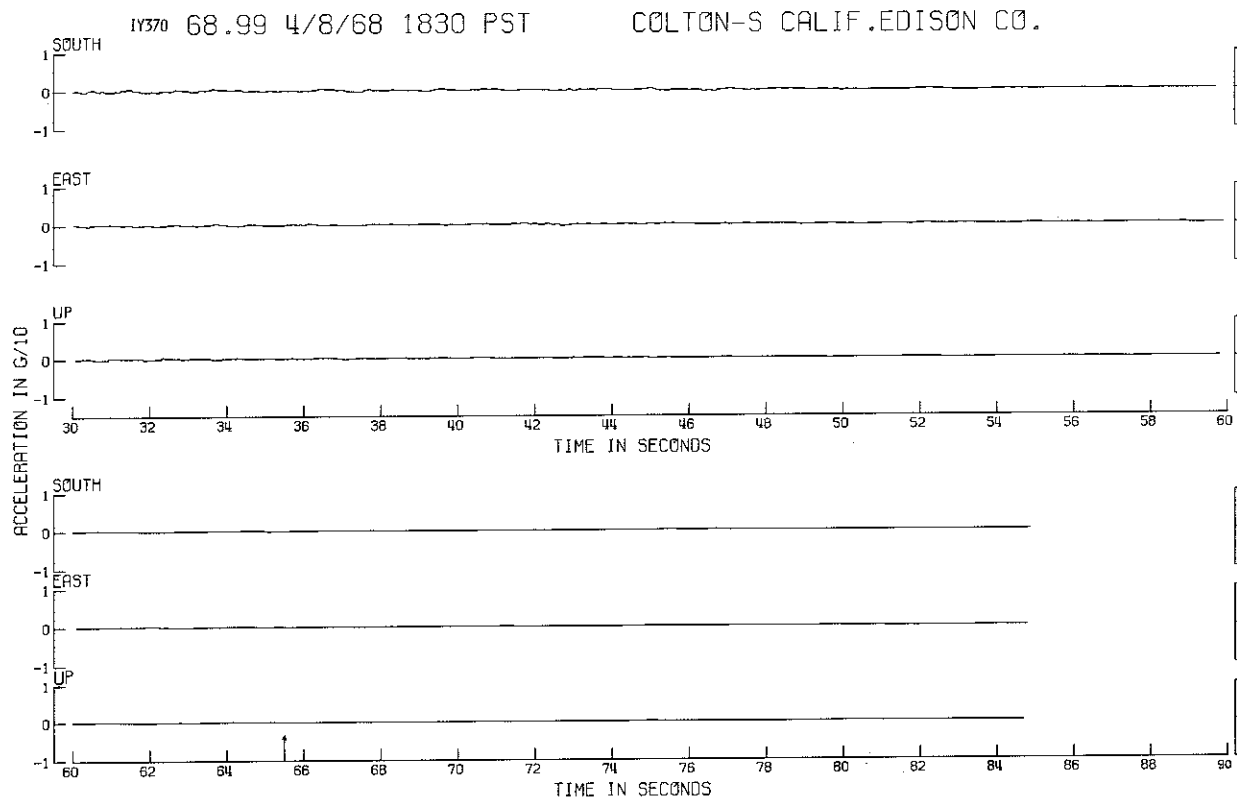
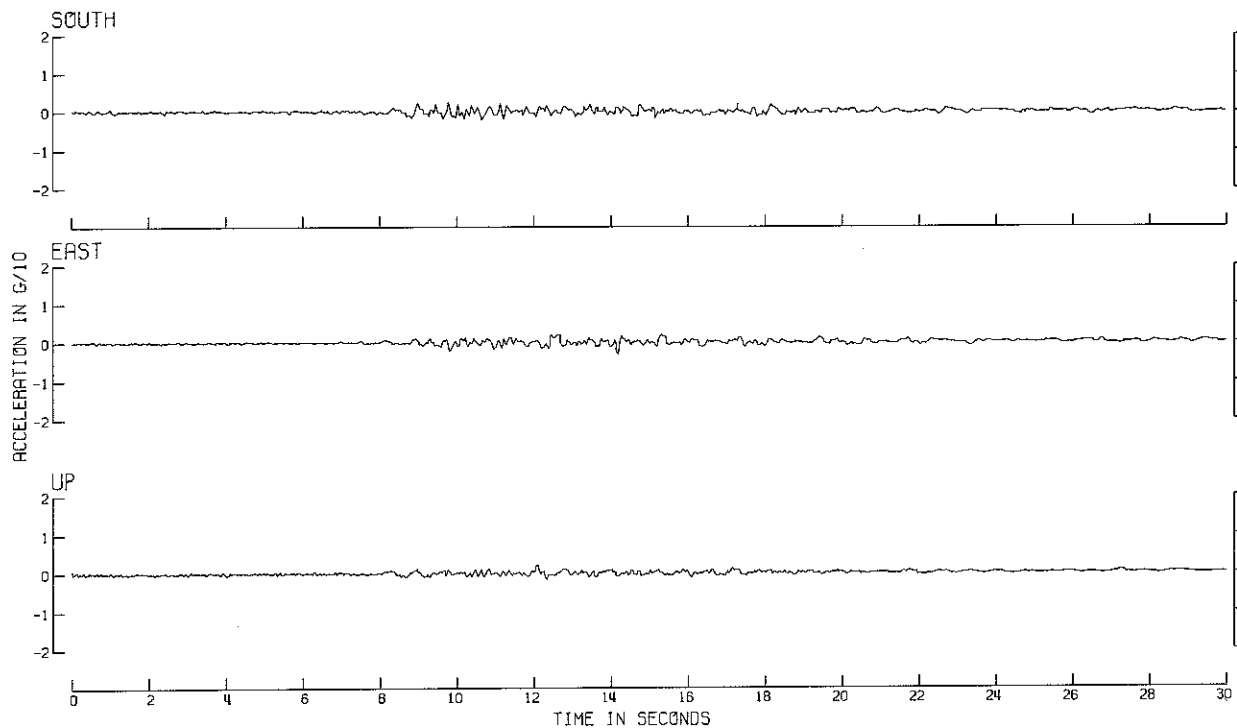
28.528	C.002	28.562	-0.008	28.585	-0.019	28.610	-0.009	34.379	0.033	34.425	0.033	34.450	0.023	34.526	0.013
28.646	C.001	28.674	0.001	28.693	0.006	28.721	0.021	34.586	-0.002	34.679	-0.012	34.714	-0.002	34.766	-0.007
28.754	C.036	28.791	0.036	28.805	0.041	28.855	0.046	34.804	0.013	34.834	0.003	34.919	-0.017	34.974	-0.022
28.868	C.056	28.901	0.025	28.942	0.009	28.972	0.010	35.054	-0.022	35.126	-0.007	35.183	-0.012	35.206	-0.012
28.954	-C.005	29.018	-0.015	29.037	-0.014	29.067	-0.004	35.303	-0.007	35.340	-0.002	35.431	-0.008	35.521	-0.008
29.083	C.022	29.131	0.033	29.151	0.029	29.165	0.019	35.607	0.003	35.646	0.003	35.715	0.003	35.798	0.009
29.203	C.014	29.231	0.020	29.236	0.025	29.257	0.025	35.854	0.014	35.976	0.025	36.048	0.020	36.085	0.020
29.279	C.005	29.306	-0.014	29.342	-0.038	29.373	-0.037	36.128	0.021	36.162	0.010	36.220	-0.004	36.268	-0.014
29.396	-C.042	29.427	-0.041	29.460	-0.045	29.471	-0.039	36.312	-0.035	36.391	-0.029	36.418	-0.029	36.482	-0.023
29.503	-C.033	29.526	-0.033	29.554	-0.027	29.580	-0.016	36.495	-0.023	36.528	-0.007	36.567	0.003	36.597	0.014
29.609	C.010	29.631	0.011	29.654	0.037	29.672	0.053	36.620	0.024	36.646	0.030	36.677	0.035	36.739	0.026
29.709	C.069	29.732	0.064	29.760	0.059	29.775	0.059	36.758	0.026	36.785	0.011	36.814	0.001	36.842	-0.014
29.805	C.049	29.831	0.035	29.851	0.020	29.888	0.0	36.869	-0.029	36.906	-0.016	36.925	-0.033	36.951	-0.023
29.908	-C.010	29.935	-0.025	29.959	-0.050	29.982	-0.050	36.986	-0.017	37.012	-0.016	37.049	-0.026	37.058	-0.021
30.010	-C.070	30.039	-0.075	30.046	-0.070	30.078	-0.044	37.074	-0.010	37.105	0.001	37.132	0.011	37.148	-0.012
30.109	-C.013	30.126	-0.008	30.143	0.007	30.176	0.013	37.156	0.007	37.182	-0.003	37.205	-0.013	37.239	-0.022
30.190	C.023	30.212	0.033	30.248	0.049	30.291	0.059	37.272	-0.027	37.295	-0.016	37.307	-0.011	37.353	-0.025
30.212	C.064	30.235	0.049	30.260	0.034	30.384	0.019	37.374	-0.020	37.384	-0.015	37.402	-0.009	37.432	-0.008
30.406	C.004	30.438	0.004	30.459	-0.001	30.474	-0.006	37.446	-0.008	37.486	-0.012	37.514	-0.021	37.522	-0.016
30.503	-C.031	30.521	-0.046	30.553	-0.051	30.573	-0.051	37.560	-0.020	37.572	-0.030	37.613	-0.029	37.646	-0.023
30.590	-C.056	30.606	-0.056	30.636	-0.045	30.656	-0.035	37.671	-0.017	37.697	-0.016	37.718	-0.021	37.728	-0.030
30.678	-C.009	30.712	-0.004	30.743	0.007	30.768	0.012	37.767	-0.034	37.781	-0.034	37.806	-0.028	37.822	-0.023
30.773	C.012	30.805	0.018	30.834	0.023	30.869	0.018	37.856	-0.022	37.864	-0.016	37.901	-0.005	37.918	0.006
30.890	C.018	30.918	0.013	30.927	0.019	30.968	0.009	37.940	-0.004	38.040	-0.001	38.072	0.005	38.005	-0.002
30.984	C.019	31.017	0.019	31.024	0.009	31.039	0.004	38.031	0.004	38.040	-0.001	38.072	0.005	38.106	0.001
31.059	-C.011	31.090	-0.006	31.053	-0.011	31.120	-0.011	38.137	0.007	38.177	0.024	38.210	0.025	38.212	0.019
31.144	C.0	31.185	0.010	31.198	0.020	31.231	-0.015	38.264	0.021	38.269	0.021	38.315	0.012	38.333	0.013
31.256	-C.010	31.275	-0.010	31.294	0.001	31.303	0.011	38.345	0.008	38.392	0.010	38.422	0.021	38.459	0.022
31.327	C.006	31.371	0.022	31.395	0.017	31.406	0.017	38.486	0.026	38.634	0.026	38.646	0.031	38.672	0.017
31.417	C.022	31.448	0.008	31.465	0.023	31.487	0.008	38.612	0.012	38.732	0.008	38.739	0.003	38.756	0.009
31.516	C.019	31.542	0.034	31.548	0.029	31.573	0.009	38.690	0.012	38.821	0.010	38.855	0.016	38.898	0.027
31.599	C.004	31.612	-0.001	31.629	-0.016	31.665	-0.005	38.801	0.010	38.821	0.010	38.855	0.016	38.898	0.027
31.689	-C.005	31.714	0.006	31.743	0.006	31.761	0.017	38.930	0.022	38.949	0.023	38.985	-0.023	39.007	0.028
31.777	C.022	31.805	0.017	31.823	0.012	31.849	0.013	39.033	0.013	39.059	0.009	39.086	-0.001	39.111	-0.006
31.878	C.044	31.895	0.049	31.912	0.055	31.944	0.045	39.132	0.004	39.165	-0.001	39.192	0.010	39.229	0.005
31.972	C.055	31.986	0.061	32.021	0.041	32.038	0.036	39.246	0.0	39.280	0.001	39.321	0.006	39.357	0.002
32.045	C.026	32.075	0.006	32.094	-0.004	32.121	-0.009	39.370	-0.003	39.406	0.002	39.429	0.007	39.445	0.018
32.139	-C.008	32.160	-0.018	32.182	-0.013	32.206	-0.022	39.485	0.018	39.501	0.013	39.532	0.023	39.551	0.018
32.227	-C.022	32.249	-0.042	32.273	-0.057	32.297	-0.057	39.566	0.003	39.583	-0.007	39.603	-0.017	39.627	-0.017
32.327	-C.051	32.352	-0.066	32.383	-0.045	32.410	-0.034	39.655	-0.027	39.689	-0.026	39.733	-0.011	39.753	-0.011
32.443	-C.023	32.474	-0.013	32.499	-0.002	32.526	0.014	39.772	-0.016	39.815	-0.025	39.840	-0.020	39.866	-0.015
32.554	C.004	32.578	0.004	32.602	0.0	32.648	-0.009	39.886	0.001	39.914	-0.003	39.950	-0.018	39.952	0.008
32.663	-C.009	32.683	0.007	32.695	0.002	32.705	0.012	39.980	0.013	40.038	0.020	40.044	0.009	40.088	0.0
32.713	C.018	32.724	-0.008	32.737	-0.002	32.752	0.003	40.129	0.011	40.144	0.006	40.166	0.012	40.189	0.012
32.772	C.009	32.783	0.004	32.804	0.010	32.843	0.021	40.212	0.023	40.249	0.019	40.271	0.019	40.306	0.015
32.856	C.026	32.892	0.032	32.899	0.022	32.936	0.013	40.317	0.030	40.344	0.021	40.368	0.016	40.403	0.022
32.948	C.018	32.976	0.014	33.007	0.014	33.033	0.0	40.426	0.002	40.448	-0.008	40.488	-0.007	40.507	-0.007
33.057	-C.005	33.083	-0.010	33.104	0.006	33.135	0.017	40.528	0.014	40.558	0.015	40.577	0.0	40.607	-0.005
33.165	C.023	33.191	0.008	33.230	-0.001	33.247	-0.001	40.633	-0.009	40.678	-0.019	40.699	-0.013	40.732	-0.018
33.283	-C.010	33.303	-0.010	33.347	-0.029	33.394	-0.023	40.740	-0.023	40.778	-0.012	40.812	-0.011	40.862	-0.001
33.425	-C.016	33.456	-0.017	33.485	-0.011	33.519	-0.005	40.863	0.0	40.899	-0.005	40.919	-0.005	40.938	0.001
33.553	C.016	33.582	0.026	33.628	0.022	33.639	0.007	40.966	0.006	40.986	0.012	41.010	-0.003	41.029	0.002
33.656	-C.008	33.712	-0.008	33.742	-0.018	33.778	-0.027	41.048	0.007	41.077	0.013	41.099	0.013	41.123	0.008
33.819	-C.011	33.846	-0.006	33.856	-0.005	33.914	0.005	41.146	0.019	41.183	0.019	41.221	0.020	41.241	0.015
33.967	C.006	33.997	0.006	34.045	0.012	34.081	0.007	41.261	0.015	41.286	0.006	41.319	0.016	41.345	0.022
34.152	C.012	34.207	0.017	34.262	0.012	34.283	0.022	41.377	0.023	41.410	0.013	41.435	0.013	41.459	0.024

41.489	0.019	41.517	0.010	41.544	0.0	41.574	-0.005	48.627	-0.017	48.646	-0.012	48.665	-0.006	48.684	-0.006
41.606	0.001	41.634	0.012	41.658	0.012	41.686	0.013	48.708	-0.006	48.728	-0.006	48.758	-0.006	48.793	0.005
41.706	0.018	41.725	0.024	41.761	0.009	41.790	0.014	48.822	0.006	48.849	0.011	48.870	0.006	48.891	0.006
41.813	0.009	41.842	0.015	41.882	0.0	41.897	-0.005	48.912	0.011	48.939	0.012	48.965	0.012	48.986	0.012
41.922	-0.015	41.955	-0.019	42.000	-0.034	42.023	-0.029	48.997	0.022	49.016	0.023	49.034	0.023	49.050	0.023
42.043	-0.034	42.073	-0.043	42.119	-0.038	42.167	-0.042	49.061	0.028	49.074	0.023	49.086	0.024	49.100	0.029
42.152	-0.047	42.223	-0.037	42.271	-0.026	42.316	-0.015	49.124	0.029	49.144	0.029	49.165	0.030	49.169	0.030
42.336	-0.015	42.382	-0.005	42.423	-0.020	42.446	-0.030	49.192	0.030	49.209	0.030	49.230	0.031	49.245	0.026
42.479	-0.045	42.537	-0.044	42.561	-0.049	42.585	-0.048	49.259	0.026	49.271	0.021	49.292	0.026	49.308	0.026
42.559	-0.053	42.650	-0.047	42.685	-0.037	42.708	-0.026	49.323	0.016	49.341	0.017	49.365	0.017	49.385	0.012
42.744	-0.016	42.763	0.020	42.787	-0.005	42.824	0.016	49.406	0.012	49.420	0.007	49.441	0.008	49.453	-0.002
42.867	0.027	42.883	0.012	42.917	0.017	42.936	0.012	49.473	-0.002	49.488	-0.002	49.503	0.002	49.522	-0.001
42.979	0.018	42.993	0.008	43.020	-0.001	43.053	-0.006	49.536	-0.006	49.552	-0.006	49.567	-0.001	49.582	-0.005
43.086	-0.011	43.114	-0.005	43.138	-0.025	43.172	-0.030	49.600	-0.010	49.620	-0.010	49.633	-0.010	49.642	-0.010
43.197	-0.039	43.226	-0.029	43.260	-0.013	43.286	-0.012	49.657	-0.009	49.673	-0.014	49.688	-0.014	49.702	-0.009
43.317	-0.007	43.347	0.004	43.376	0.005	43.406	-0.005	49.711	-0.009	49.726	-0.013	49.745	-0.013	49.765	-0.013
43.456	-0.009	43.499	-0.018	43.529	-0.012	43.579	-0.011	49.789	-0.007	49.800	-0.002	49.825	0.008	49.841	-0.002
43.552	-0.006	43.621	0.015	43.652	0.021	43.690	0.012	49.858	-0.001	49.879	0.004	49.894	0.004	49.912	0.010
43.744	-0.002	43.761	-0.012	43.798	-0.017	43.843	-0.026	49.926	0.010	49.937	0.005	49.949	0.010	49.969	0.006
43.859	-0.025	43.888	-0.045	43.928	-0.029	43.962	-0.023	49.986	0.006	50.003	-0.004	50.019	-0.004	50.038	-0.013
43.958	-0.017	44.035	-0.011	44.068	-0.010	44.100	-0.005	50.052	-0.008	50.070	-0.013	50.090	-0.017	50.107	-0.012
44.133	-0.009	44.165	-0.003	44.197	-0.002	44.225	0.009	50.123	-0.022	50.143	-0.021	50.160	-0.016	50.173	-0.016
44.212	0.010	44.288	0.0	44.324	-0.004	44.361	0.008	50.191	-0.020	50.201	-0.020	50.214	-0.025	50.233	-0.020
44.357	0.003	44.441	0.005	44.475	0.001	44.487	-0.004	50.248	-0.019	50.260	-0.009	50.270	-0.004	50.282	-0.003
44.515	-0.013	44.548	-0.002	44.578	-0.006	44.609	0.001	50.300	-0.003	50.319	-0.003	50.338	-0.002	50.353	-0.002
44.626	-0.006	44.629	0.006	44.658	0.007	44.673	0.003	50.371	0.003	50.387	0.009	50.407	0.004	50.425	0.005
44.686	-0.006	44.729	-0.005	44.742	-0.010	44.784	0.002	50.440	0.0	50.451	0.0	50.465	-0.005	50.481	-0.009
44.803	-0.018	44.845	-0.016	44.874	-0.016	44.886	-0.015	50.497	-0.009	50.517	-0.004	50.539	-0.003	50.559	-0.003
44.909	-0.010	44.928	-0.004	44.966	0.007	44.978	-0.008	50.584	-0.002	50.609	-0.001	50.641	-0.001	50.657	0.0
45.003	-0.003	45.026	0.008	45.058	0.014	45.079	0.019	50.682	0.0	50.701	0.001	50.717	0.001	50.743	0.007
45.100	0.020	45.124	0.026	45.147	0.026	45.189	0.022	50.763	0.013	50.785	0.013	50.803	0.018	50.830	0.024
45.202	0.022	45.241	0.023	45.262	0.013	45.292	-0.002	50.859	0.025	50.888	0.020	50.904	0.021	50.912	0.016
45.337	-0.007	45.367	-0.001	45.384	-0.017	45.415	-0.011	50.946	0.011	50.957	0.012	50.990	0.017	51.021	0.018
45.439	-0.006	45.467	-0.006	45.488	-0.006	45.513	-0.001	51.036	0.013	51.060	0.019	51.086	0.019	51.104	0.030
45.540	0.005	45.566	0.0	45.595	-0.010	45.635	-0.010	51.135	0.030	51.151	0.041	51.165	0.041	51.185	0.042
45.656	-0.005	45.700	0.001	45.770	-0.003	45.786	-0.002	51.205	0.047	51.225	0.048	51.246	0.053	51.267	0.054
45.820	-0.002	45.840	-0.012	45.871	-0.026	45.929	-0.020	51.289	0.034	51.310	0.054	51.333	0.055	51.355	0.060
45.966	-0.014	46.003	-0.014	46.030	-0.018	46.072	-0.017	51.381	0.061	51.408	0.056	51.434	0.052	51.465	0.047
46.112	-0.006	46.171	-0.009	46.174	-0.014	46.215	-0.016	51.489	0.048	51.508	0.043	51.535	0.034	51.560	0.035
*46.252	-0.007	46.292	-0.001	46.340	0.011	46.386	0.007	51.584	0.035	51.605	0.031	51.630	0.026	51.653	0.022
46.426	0.013	46.463	-0.001	46.504	0.0	46.549	-0.009	51.672	0.037	51.689	0.013	51.713	0.008	51.730	0.009
46.571	-0.008	46.608	0.003	46.650	0.014	46.688	0.020	51.747	0.020	51.754	0.010	51.768	0.010	51.788	0.011
46.736	0.026	46.780	0.017	46.839	0.018	46.875	0.014	51.812	0.011	51.827	0.012	51.851	0.017	51.870	0.018
46.921	-0.001	46.968	0.005	47.009	0.001	47.021	-0.004	51.891	0.013	51.915	0.014	51.928	0.014	51.947	0.015
47.057	-0.002	47.108	-0.002	47.143	-0.007	47.176	-0.006	51.967	0.021	51.983	0.016	51.998	0.027	52.009	0.027
47.197	-0.011	47.232	0.0	47.285	0.010	47.336	0.015	52.020	0.022	52.035	0.028	52.046	0.028	52.062	0.029
47.348	0.005	47.380	0.0	47.420	-0.010	47.457	-0.004	52.071	0.029	52.083	0.029	52.100	0.030	52.120	0.030
47.495	0.001	47.546	0.002	47.590	0.007	47.611	-0.003	52.137	0.031	52.151	0.031	52.169	0.027	52.190	0.028
47.633	0.009	47.654	-0.001	47.675	0.005	47.693	0.006	52.211	0.023	52.226	0.029	52.238	0.029	52.252	0.029
47.717	0.007	47.738	0.003	47.761	-0.001	47.774	-0.001	52.263	0.023	52.281	0.020	52.296	0.015	52.312	0.021
47.796	0.0	47.823	0.001	47.847	0.003	47.868	0.003	52.327	0.016	52.343	0.017	52.364	0.018	52.383	0.018
47.856	0.005	47.926	0.001	47.953	0.002	47.983	-0.007	52.397	0.013	52.412	0.014	52.425	0.014	52.441	0.010
48.012	-0.001	48.038	-0.011	48.072	-0.010	48.115	-0.003	52.461	0.010	52.475	0.011	52.491	0.011	52.506	0.011
48.155	-0.007	48.200	-0.008	48.251	-0.010	48.293	-0.008	52.520	0.012	52.538	0.012	52.556	0.013	52.576	0.013
48.343	-0.017	48.395	-0.016	48.442	-0.019	48.484	-0.019	52.593	0.008	52.609	0.014	52.627	0.014	52.643	0.015
48.519	-0.018	48.547	-0.018	48.537	-0.017	48.608	-0.012	52.656	0.015	52.675	0.010	52.692	0.016	52.711	0.011

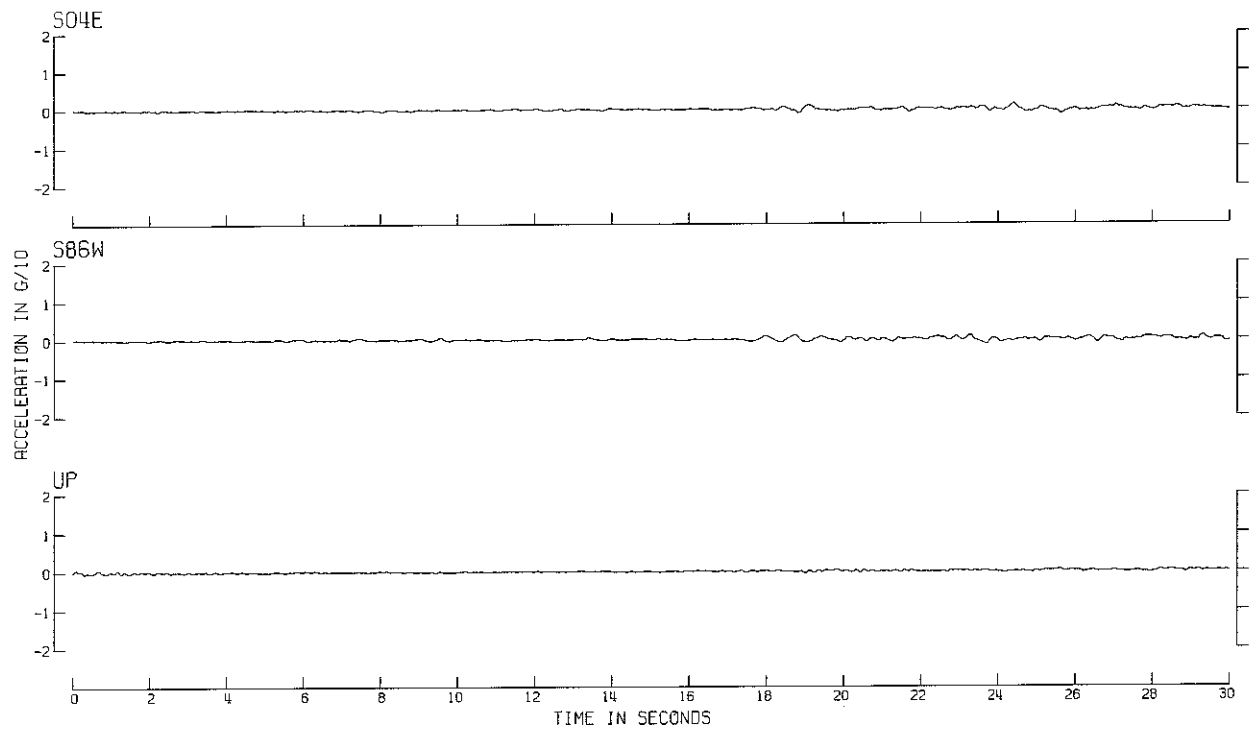
52.734	0.017	52.753	0.022	52.772	0.023	52.796	0.023	57.279	0.025	57.299	0.020	57.321	0.010	57.345	0.011
52.812	0.024	52.826	0.029	52.844	0.019	52.863	0.025	57.361	0.011	57.376	0.006	57.393	0.006	57.415	0.001
52.879	0.027	52.894	0.025	52.910	0.026	52.930	0.026	57.434	0.006	57.456	0.002	57.475	0.007	57.501	0.007
52.946	0.027	52.962	0.032	52.981	0.038	53.001	0.028	57.530	0.013	57.546	0.018	57.567	0.023	57.588	0.039
53.021	0.039	53.035	0.034	53.050	0.039	53.066	0.035	57.604	0.039	57.621	0.049	57.647	0.045	57.668	0.045
53.079	0.040	53.097	0.041	53.113	0.046	53.130	0.036	57.686	0.035	57.702	0.040	57.722	0.030	57.739	0.041
53.150	0.037	53.165	0.037	53.182	0.048	53.199	0.043	57.763	0.031	57.780	0.031	57.808	0.031	57.828	0.027
53.213	0.049	53.231	0.044	53.245	0.049	53.257	0.045	57.843	0.017	57.861	0.017	57.882	0.027	57.902	0.022
53.273	0.050	53.290	0.045	53.305	0.046	53.325	0.051	57.923	0.028	57.950	0.023	57.970	0.028	57.993	0.024
53.342	0.042	53.364	0.042	53.384	0.048	53.405	0.043	58.014	0.024	58.038	0.030	58.059	0.030	58.080	0.026
53.429	0.039	53.448	0.044	53.466	0.050	53.487	0.045	58.094	0.026	58.108	0.026	58.123	0.016	58.148	0.012
53.513	0.041	53.536	0.036	53.548	0.041	53.565	0.036	58.169	0.007	58.190	0.007	58.208	0.013	58.225	0.013
53.579	0.042	53.595	0.037	53.607	0.042	53.622	0.037	58.245	0.009	58.261	0.009	58.275	0.009	58.295	0.015
53.638	0.038	53.658	0.033	53.675	0.033	53.692	0.028	58.312	0.010	58.334	0.010	58.355	0.011	58.375	0.011
53.702	0.039	53.715	0.039	53.730	0.039	53.752	0.040	58.399	0.007	58.420	0.007	58.441	0.018	58.462	0.018
53.772	0.040	53.795	0.041	53.816	0.046	53.835	0.046	58.483	0.018	58.502	0.014	58.520	0.014	58.542	0.009
53.846	0.047	53.863	0.047	53.883	0.052	53.900	0.042	58.564	0.015	58.585	0.015	58.604	0.021	58.621	0.016
53.922	0.038	53.942	0.043	53.967	0.033	53.984	0.033	58.640	0.021	58.661	0.022	58.679	0.022	58.699	0.017
54.000	0.033	54.022	0.033	54.041	0.013	54.066	0.013	58.724	0.028	58.746	0.023	58.767	0.018	58.789	0.024
54.088	0.007	54.114	0.002	54.130	0.007	54.146	-0.003	58.809	0.024	58.828	0.025	58.852	0.020	58.874	0.010
54.165	0.008	54.186	-0.003	54.206	0.002	54.220	0.002	58.892	0.016	58.919	0.011	58.943	0.006	58.963	0.007
54.235	0.007	54.252	0.001	54.271	0.006	54.288	0.012	58.980	0.002	58.997	0.007	59.017	0.007	59.042	0.007
54.306	0.006	54.323	0.006	54.347	0.021	54.366	0.011	59.062	0.008	59.083	0.018	59.105	0.018	59.136	0.024
54.390	0.011	54.412	0.026	54.437	0.021	54.456	0.021	59.167	0.019	59.191	0.024	59.222	0.035	59.247	0.040
54.473	0.036	54.485	0.021	54.501	0.021	54.522	0.020	59.271	0.035	59.297	0.036	59.323	0.036	59.351	0.036
54.542	0.025	54.561	0.010	54.580	0.015	54.599	0.015	59.381	0.031	59.412	0.032	59.441	0.027	59.459	0.027
54.613	0.010	54.639	0.009	54.660	0.009	54.679	0.004	59.483	0.022	59.508	0.027	59.534	0.023	59.556	0.028
54.699	0.004	54.716	0.009	54.737	0.003	54.754	-0.002	59.583	0.023	59.621	0.028	59.649	0.029	59.684	0.024
54.773	-0.002	54.795	-0.002	54.809	0.003	54.828	0.003	59.715	0.024	59.754	0.034	59.776	0.029	59.810	0.035
54.849	0.003	54.870	0.002	54.892	0.012	54.917	0.007	59.840	0.030	59.864	0.030	59.895	0.030	59.919	0.025
54.946	0.012	54.974	0.012	55.001	0.022	55.027	0.017	59.956	0.026	59.989	0.021	60.022	0.016	60.044	0.011
55.046	0.022	55.063	0.028	55.087	0.028	55.108	0.018	60.073	0.016	60.094	0.021	60.126	0.006	60.158	0.011
55.125	0.018	55.147	0.013	55.163	0.018	55.182	0.023	60.191	0.011	60.208	0.016	60.234	0.006	60.259	0.011
55.194	0.018	55.212	0.013	55.232	0.014	55.252	0.018	60.279	0.011	60.303	0.017	60.328	0.012	60.351	0.006
55.265	0.013	55.286	0.019	55.303	0.014	55.326	0.019	60.379	0.007	60.412	0.012	60.440	0.007	60.467	0.007
55.346	0.009	55.369	0.024	55.391	0.024	55.407	0.019	60.487	0.007	60.509	0.002	60.533	0.002	60.558	0.007
55.429	0.029	55.449	0.035	55.476	0.040	55.497	0.045								
55.525	0.040	55.555	0.041	55.583	0.046	55.612	0.041								
55.646	0.042	55.685	0.027	55.710	0.027	55.737	0.012								
55.755	0.012	55.785	0.012	55.811	0.008	55.835	0.038								
55.852	0.013	55.878	0.008	55.907	0.014	55.929	0.019								
55.950	0.019	55.977	0.014	56.006	0.015	56.038	0.025								
56.064	0.030	56.084	0.031	56.102	0.026	56.123	0.021								
56.143	0.011	56.172	0.011	56.195	0.006	56.222	0.001								
56.237	0.001	56.256	-0.004	56.270	-0.014	56.295	-0.009								
56.319	-0.008	56.339	-0.013	56.355	-0.003	56.376	-0.013								
56.393	-0.008	56.422	-0.008	56.439	-0.002	56.468	-0.007								
56.493	-0.002	56.516	-0.002	56.539	0.003	56.561	0.009								
56.585	0.009	56.603	0.009	56.624	0.009	56.646	0.020								
56.665	0.015	56.690	0.005	56.712	0.005	56.732	0.0								
56.755	0.0	56.778	-0.005	56.809	-0.010	56.828	-0.010								
56.847	-0.010	56.874	-0.009	56.900	-0.004	56.921	-0.009								
56.949	0.003	56.971	-0.003	56.995	0.002	57.012	0.012								
57.043	0.023	57.064	0.028	57.088	0.033	57.108	0.034								
57.133	0.034	57.151	0.034	57.171	0.029	57.185	0.034								
57.216	0.035	57.224	0.025	57.242	0.025	57.259	0.025								

1Y370 68.99 4/8/68 1830 PST

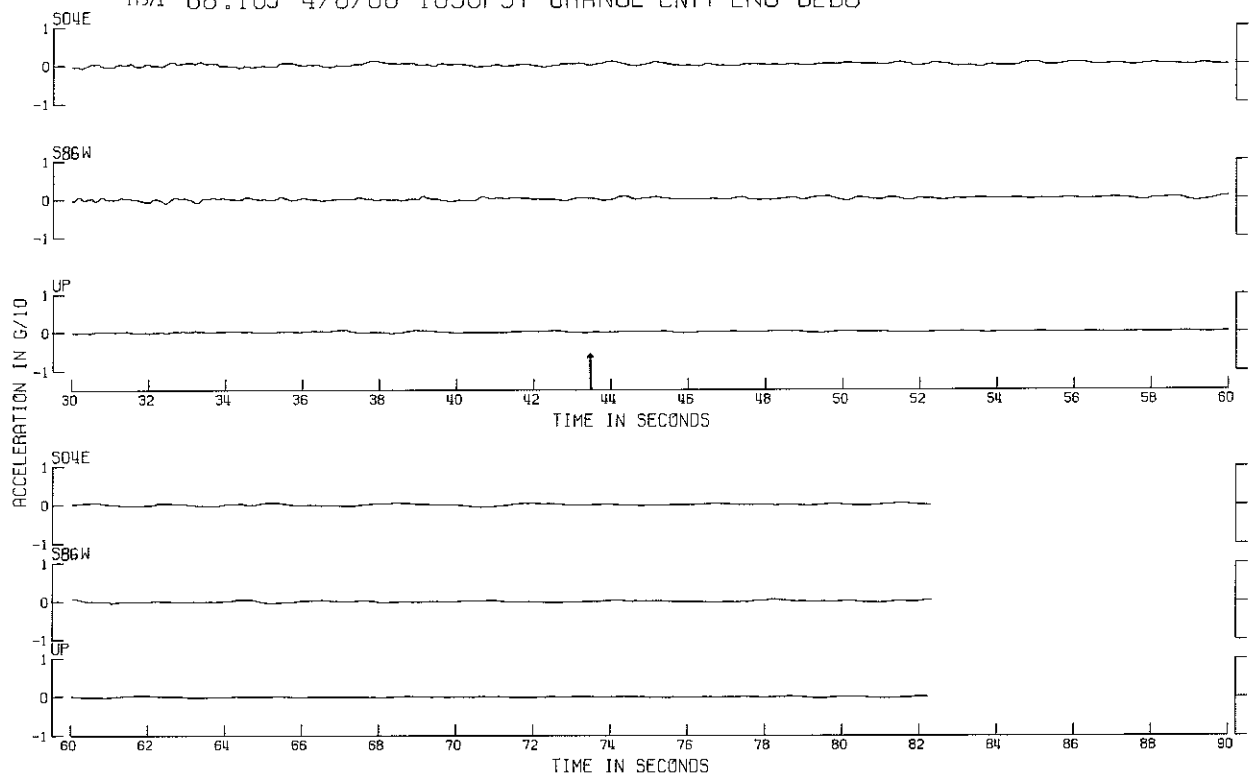
COLTON-S CALIF. EDISON CO.



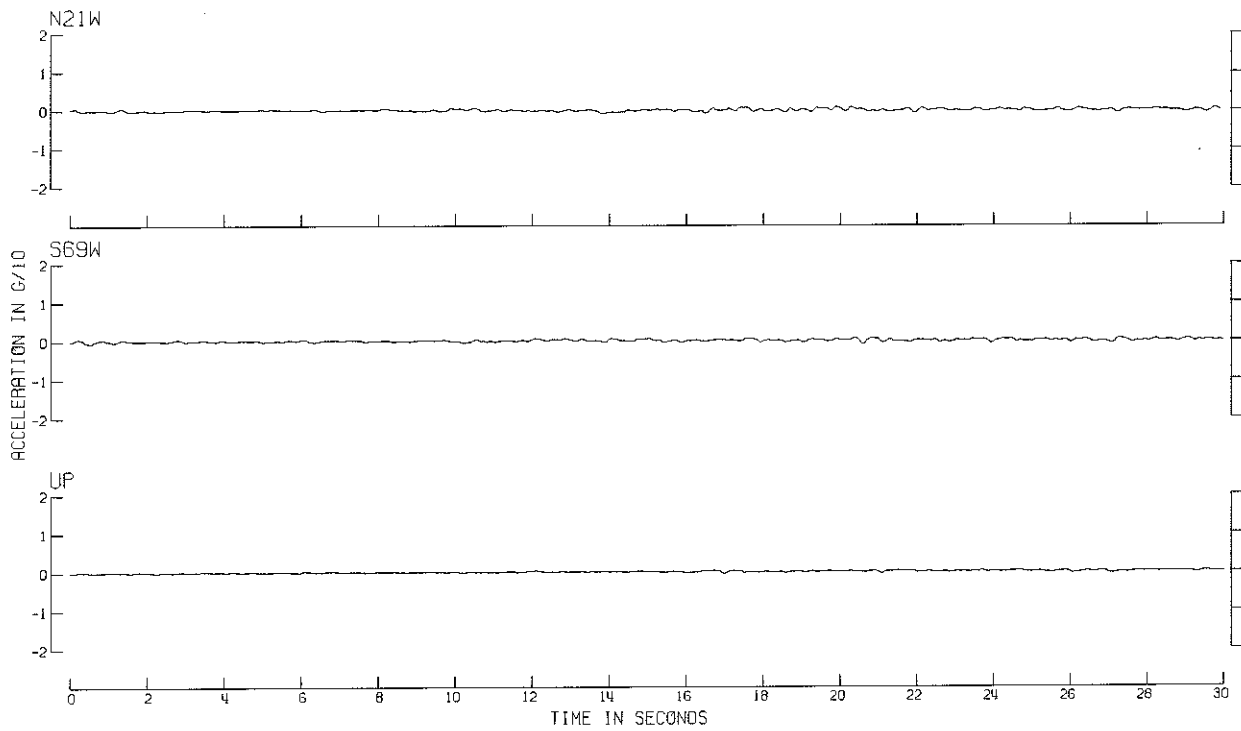
1Y371 68.103 4/8/68 1830PST ORANGE CNTY ENG BLDG



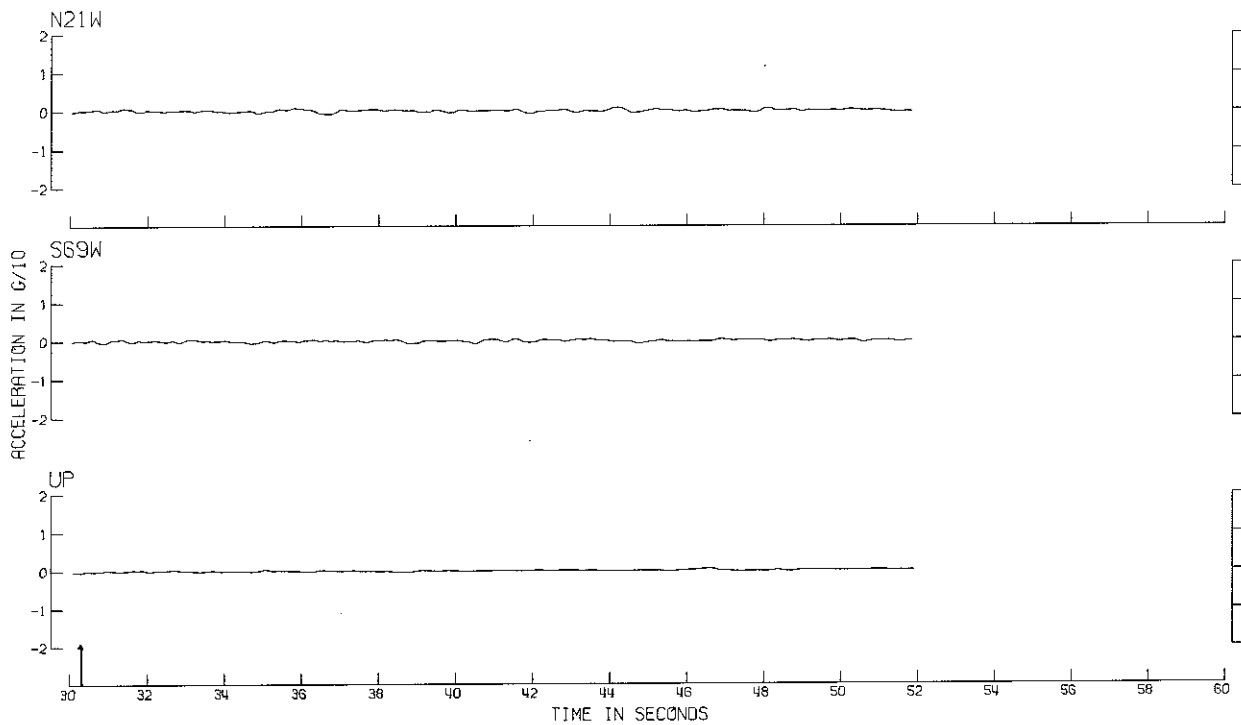
1Y371 68.103 4/8/68 1830PST ORANGE CNTY ENG BLDG



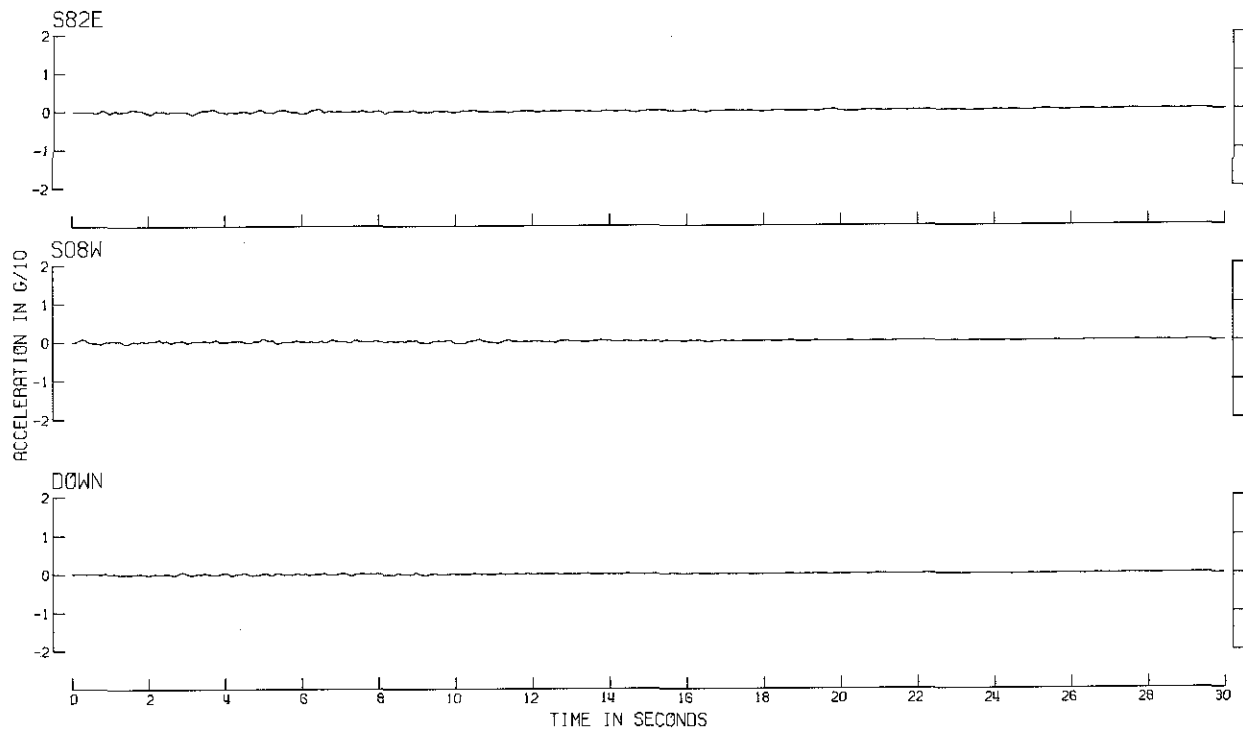
1Y372 68.80 4/8/68 1830PST LONG BEACH TERMINAL ISLAND



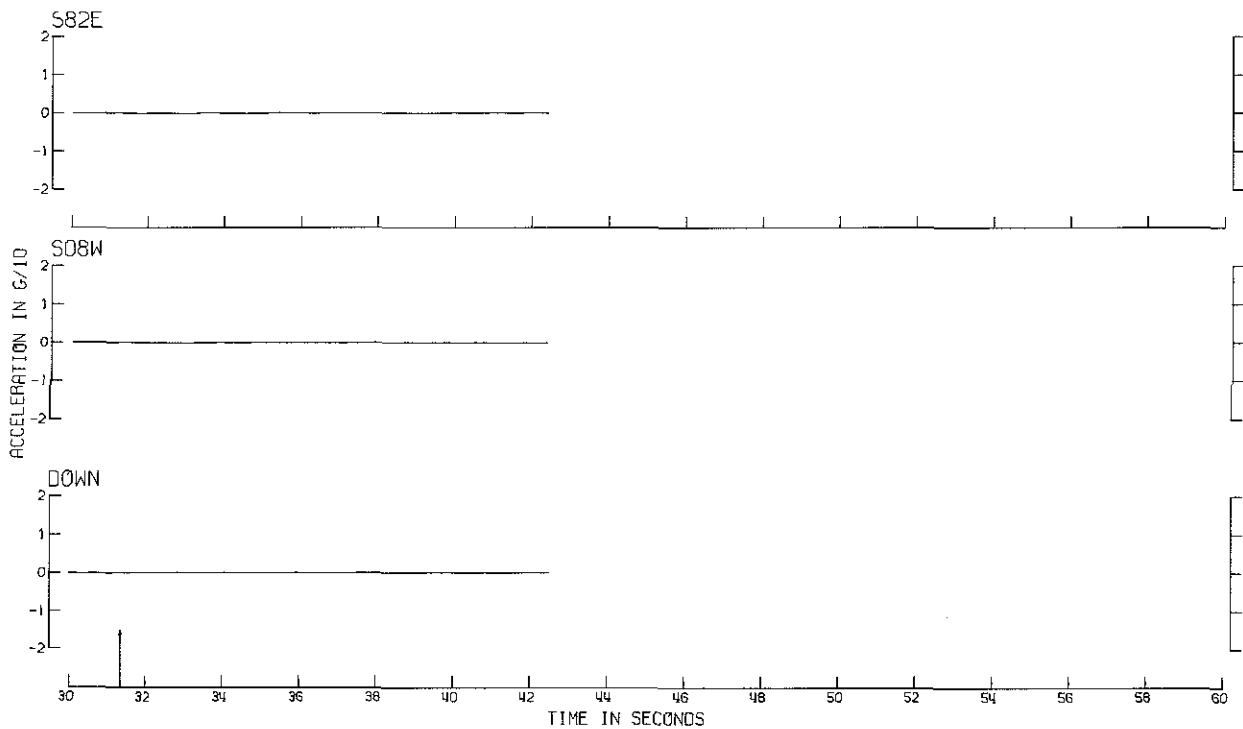
1Y372 68.80 4/8/68 1830PST LONG BEACH TERMINAL ISLAND



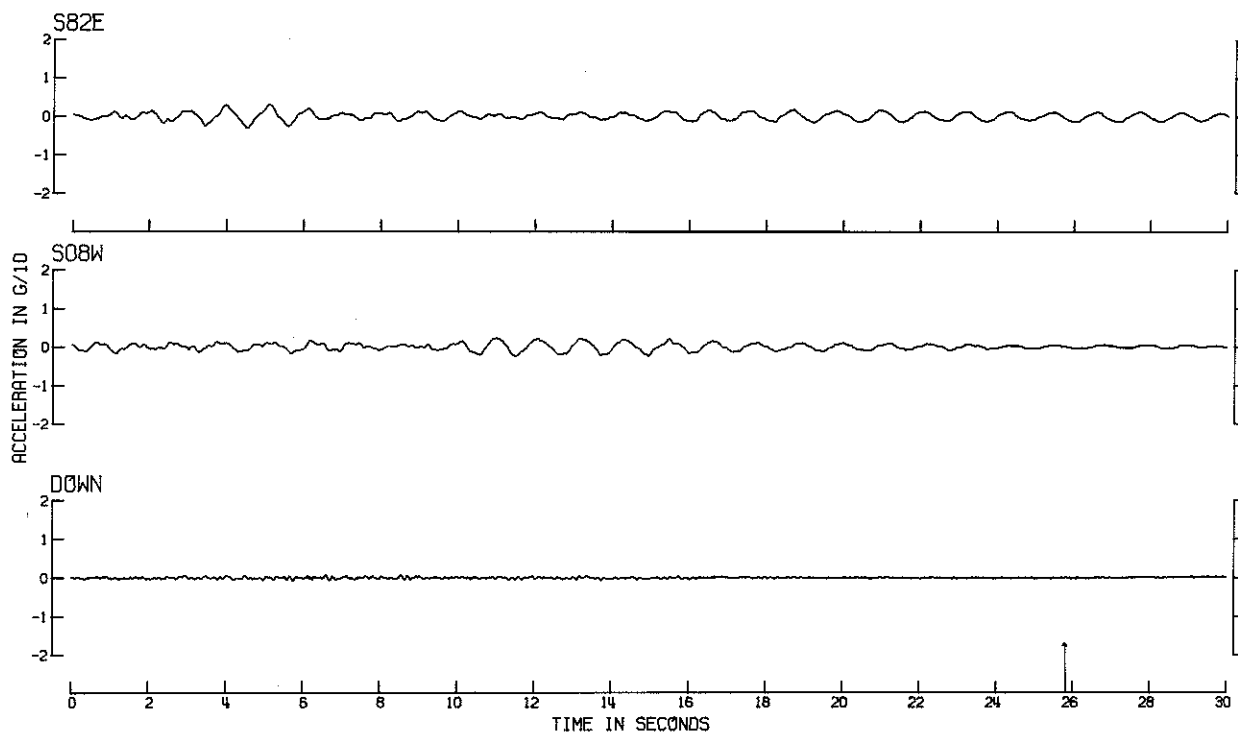
1Y373 68.89 4/8/68 1830PST PASADENA JET PROPULSION LAB. BSM'T



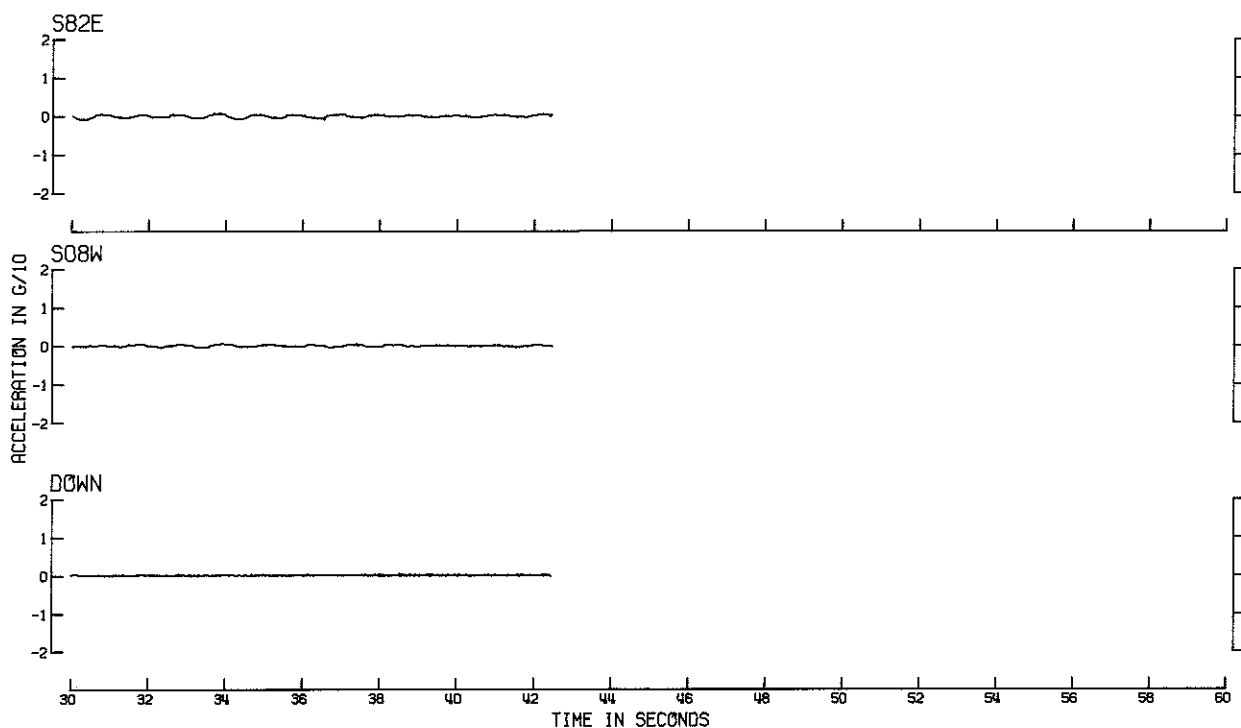
1Y373 68.89 4/8/68 1830PST PASADENA JET PROPULSION LAB. BSM'T



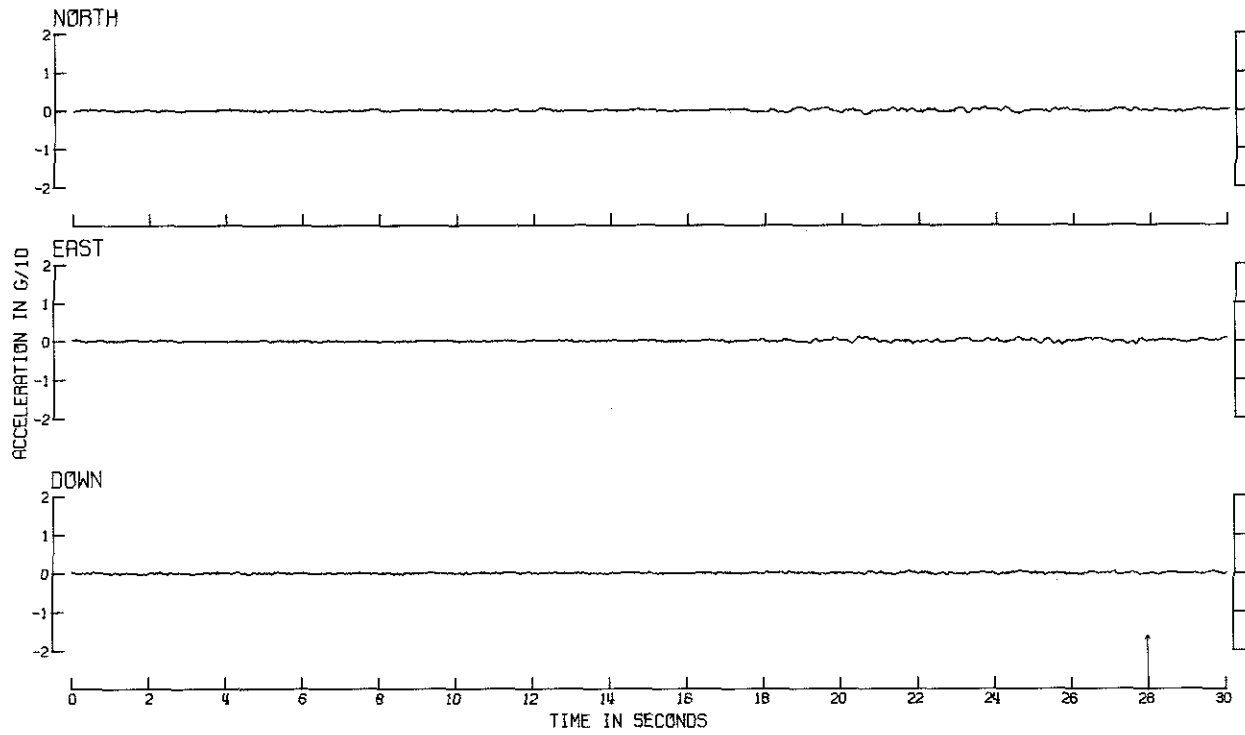
1Y374 68.100 4/8/68 1830 PST PASADENA, JPL, 9TH FLOOR



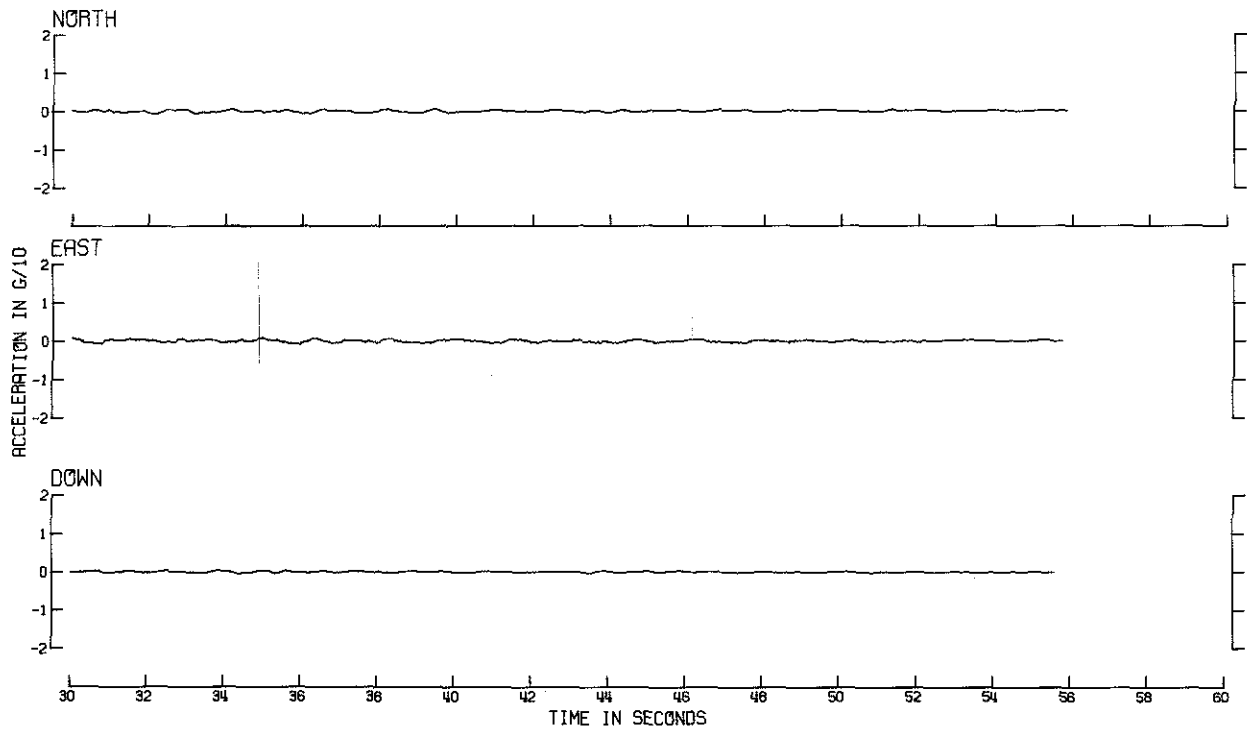
1Y374 68.100 4/8/68 1830 PST PASADENA, JPL, 9TH FLOOR



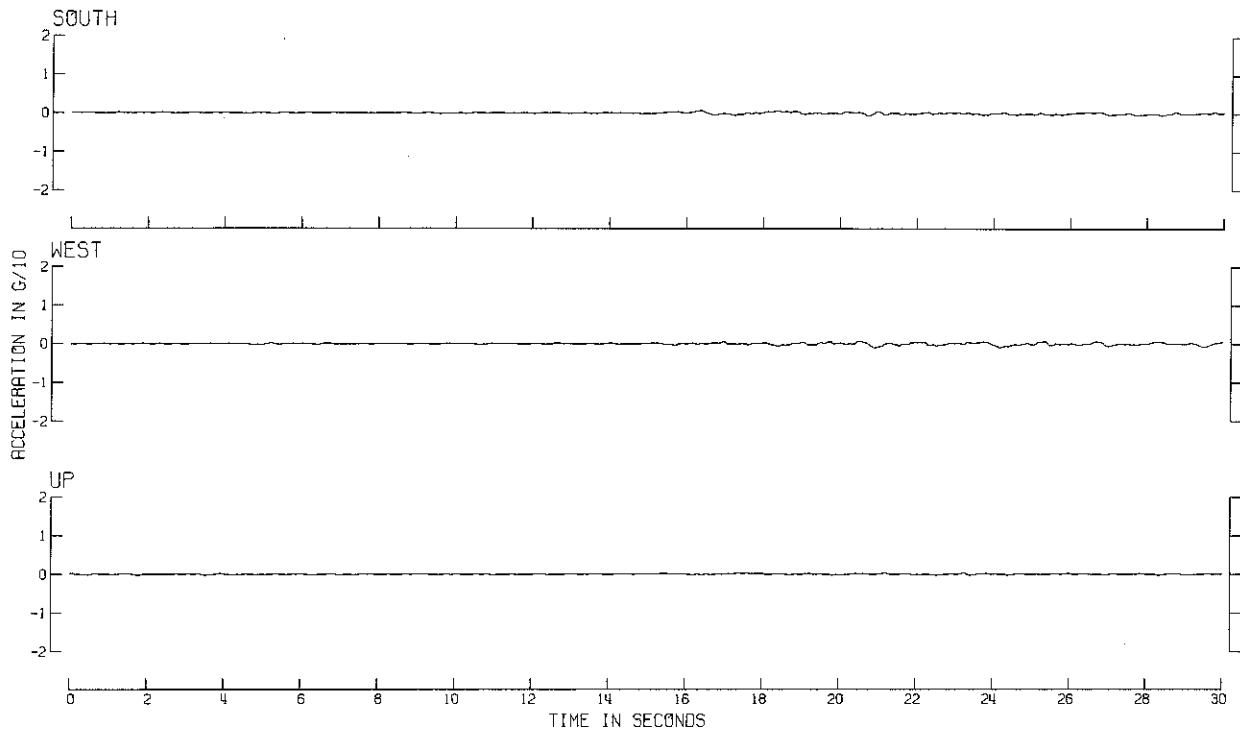
1Y375 68.55 4/8/68 1830 PST PASADENA, MILLIKAN, BSMT



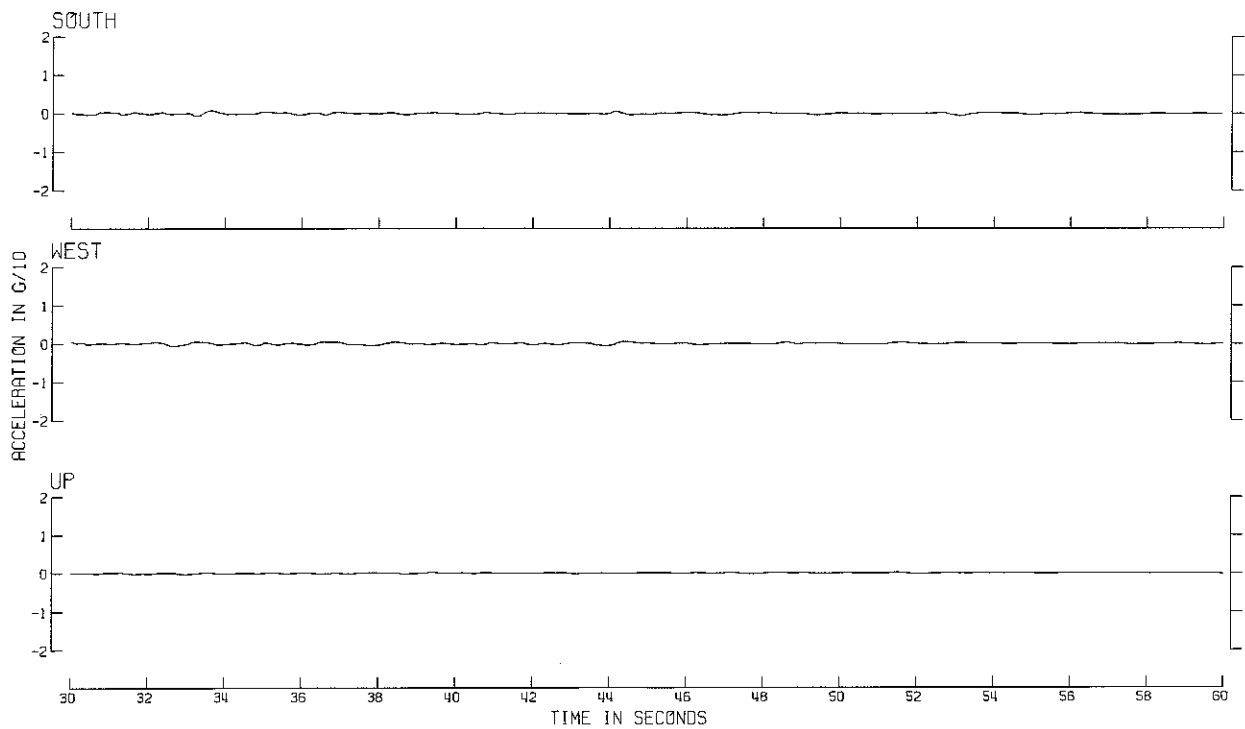
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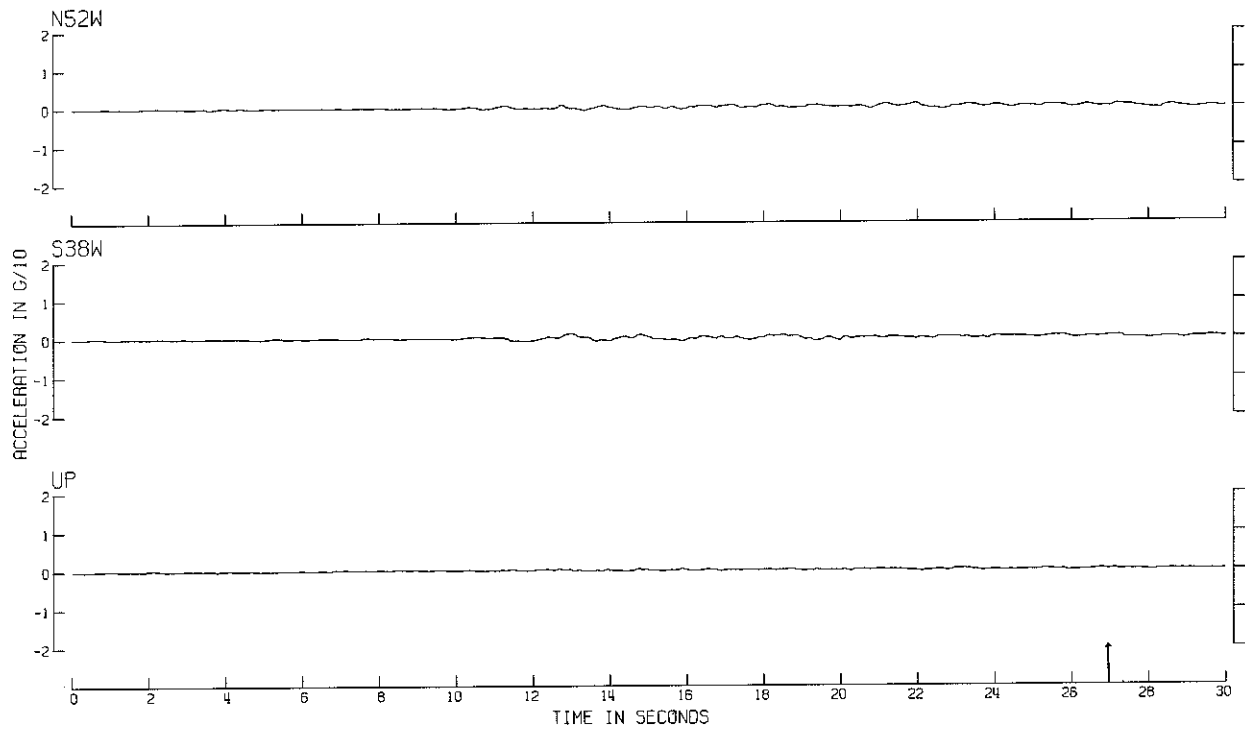
1Y376 68.104 4/8/68 1830PST PASADENA - FACULTY CLUB



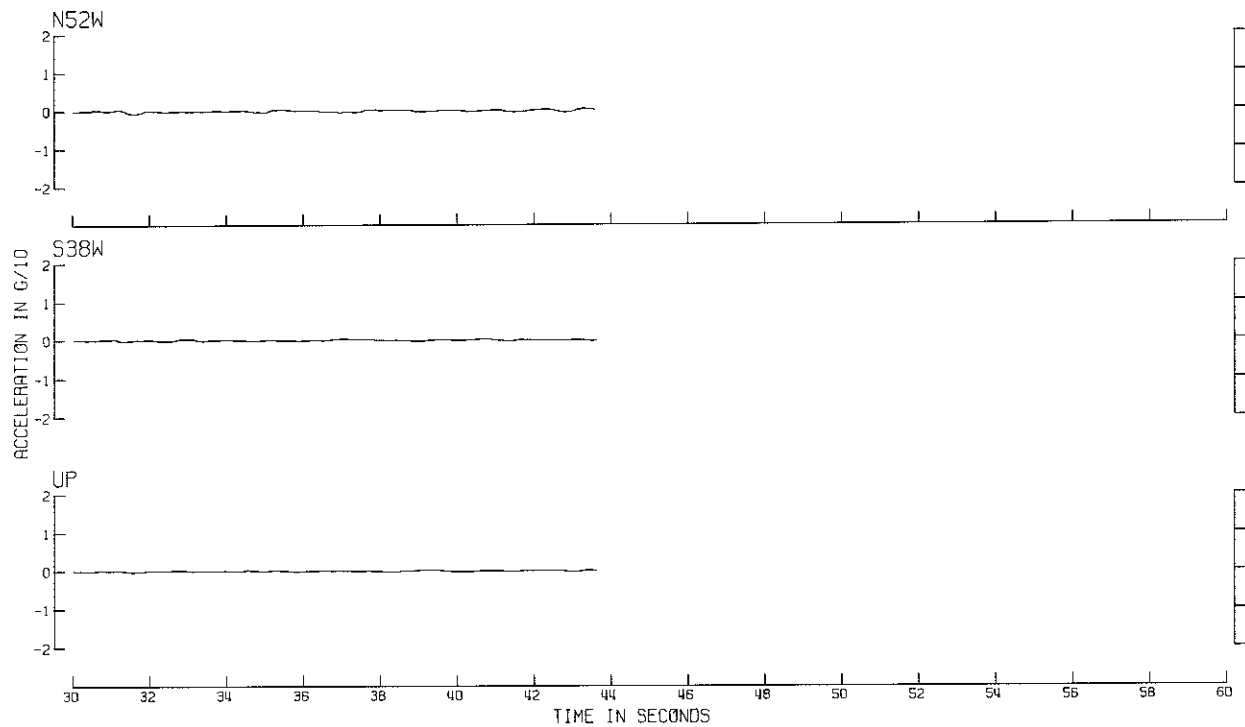
1Y376 68.104 4/8/68 1830PST PASADENA - FACULTY CLUB



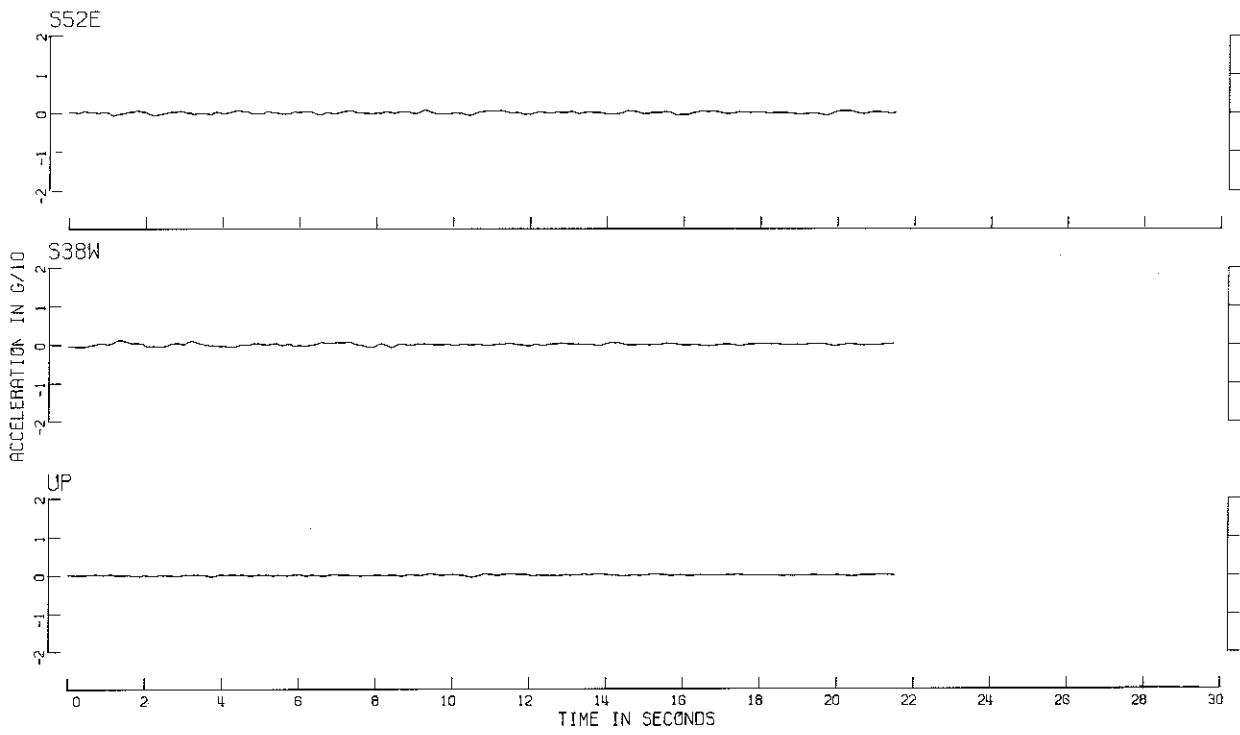
1Y377 68.106 4/8/68 LOS ANGELES - EDISON BLDG.



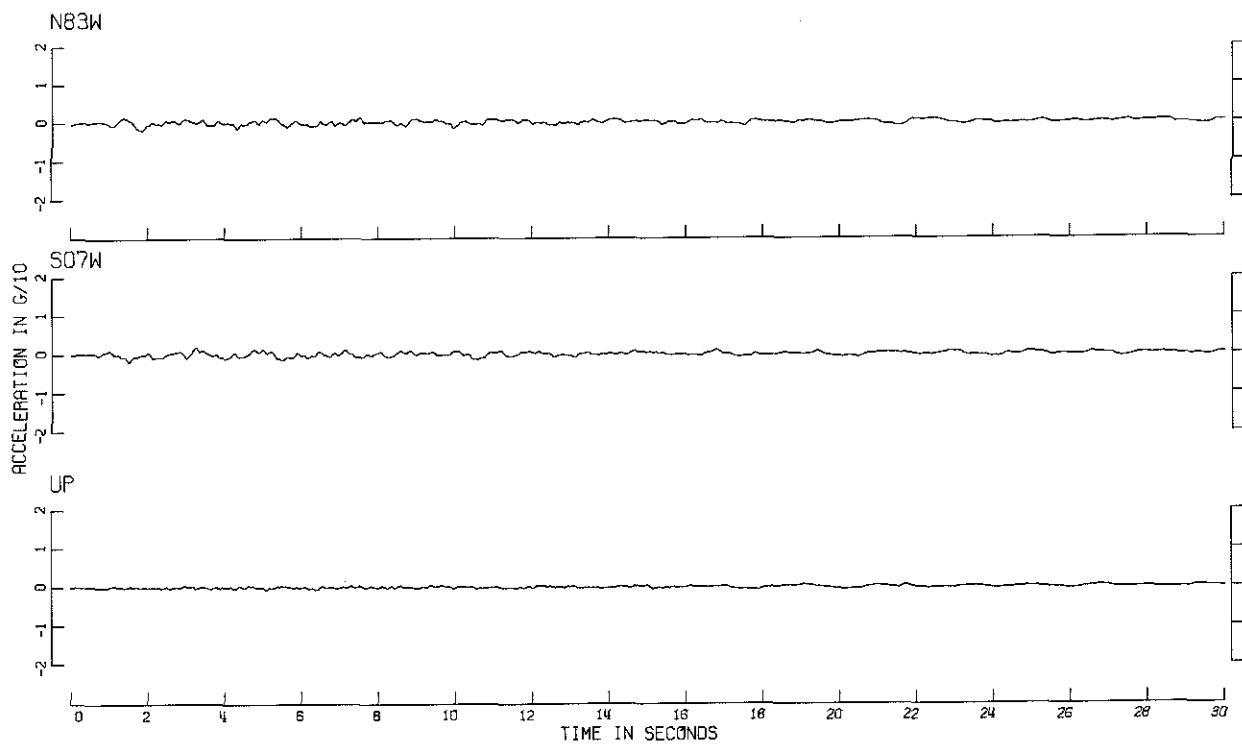
1Y377 68.106 4/8/68 LOS ANGELES - EDISON BLDG.



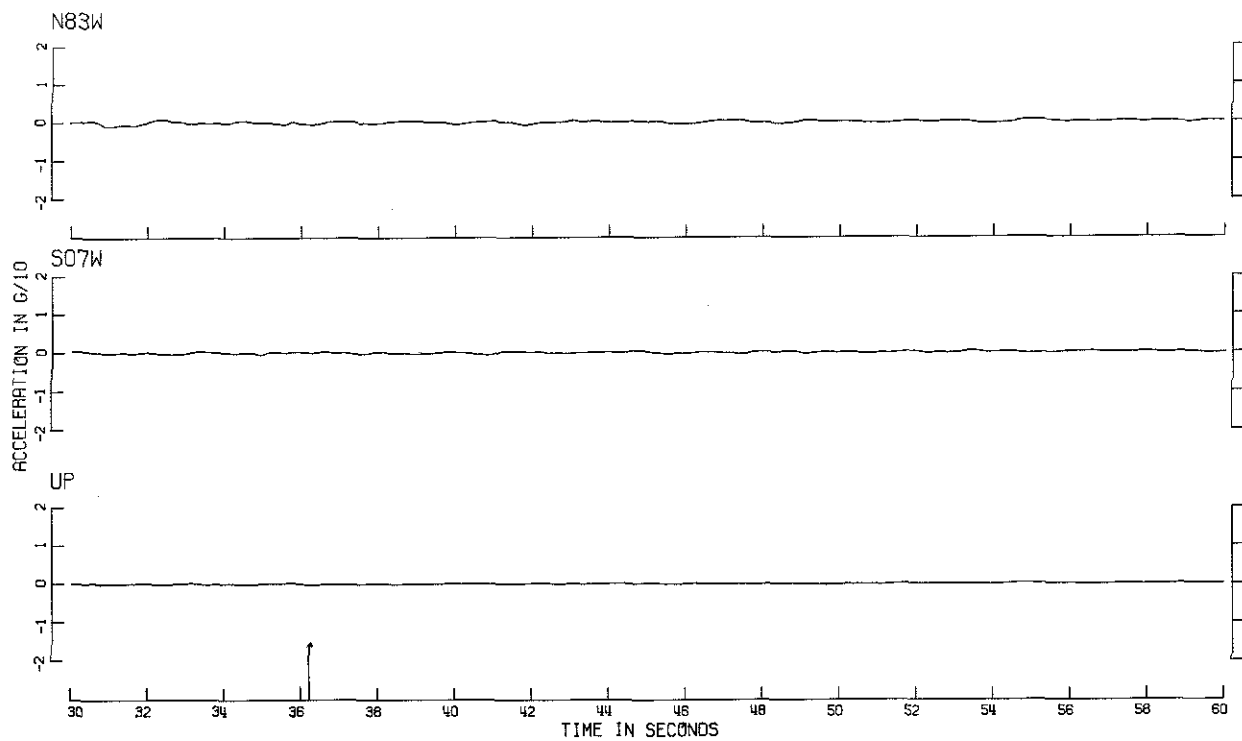
1Y378 68.72 4/8/68 1830PST L.A. SUBWAY TERMINAL, BASEMENT



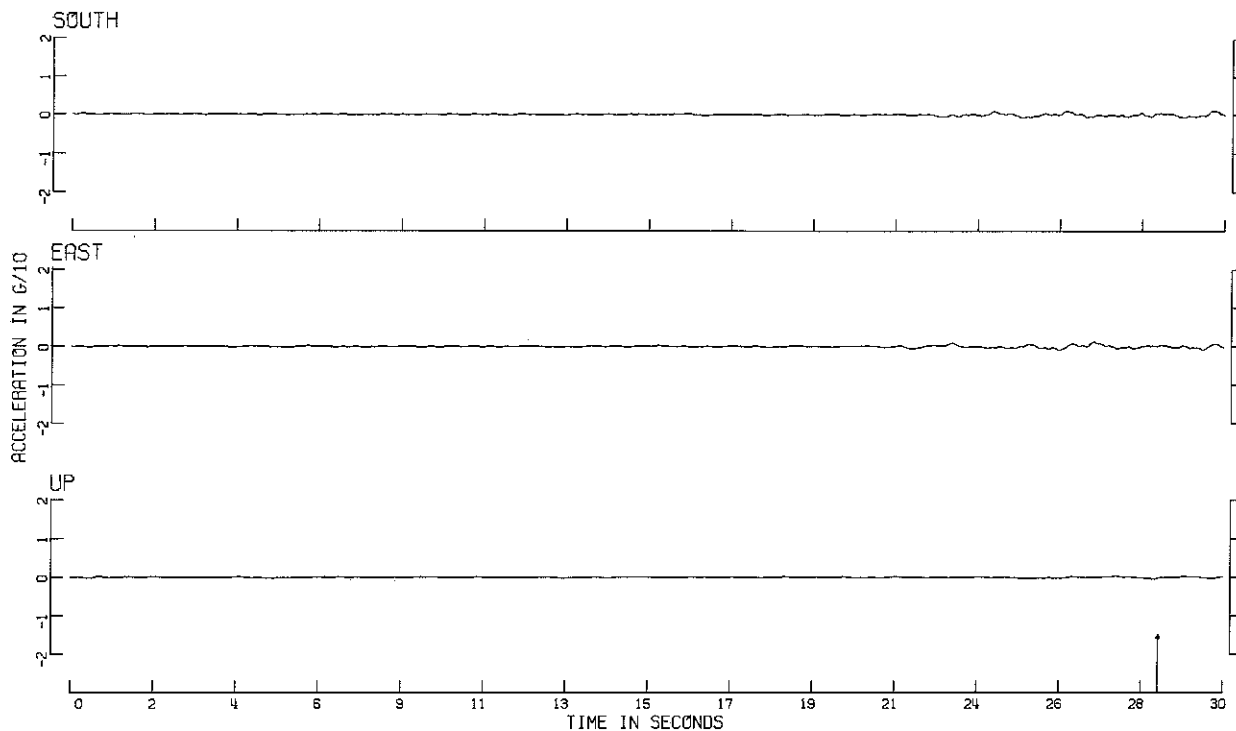
1Y379 68.26 4/8/68 1830PST VERNON CMD BLDG.



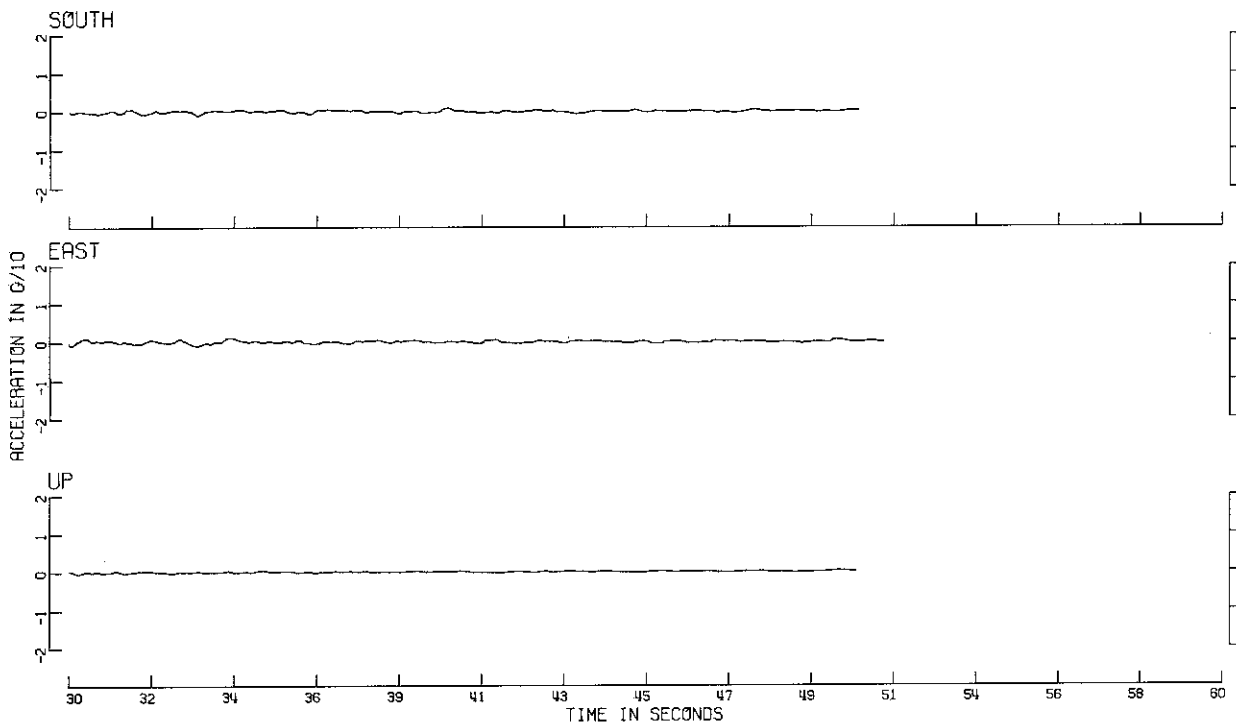
1Y379 68.26 4/8/68 1830PST VERNON CMD BLDG.



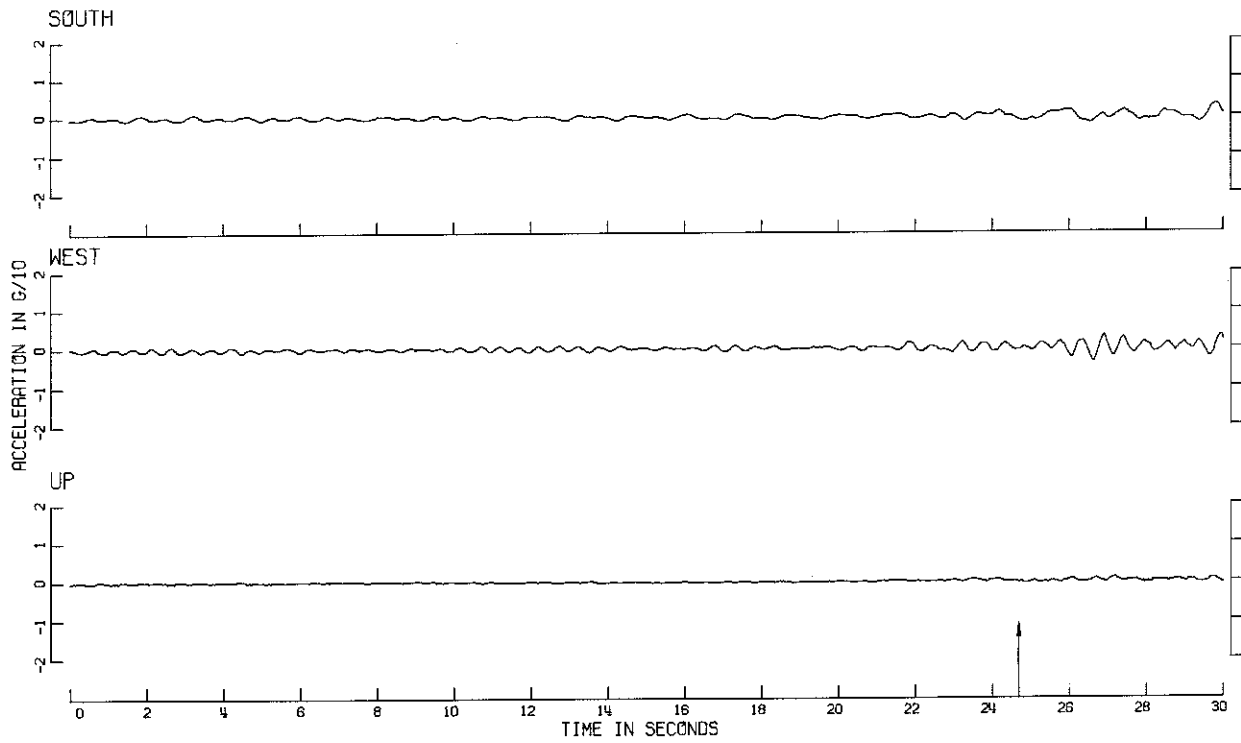
IY380 68.71 4/8/68 1830PST L.A. HOLLYWOOD STORAGE - P.E. LOT



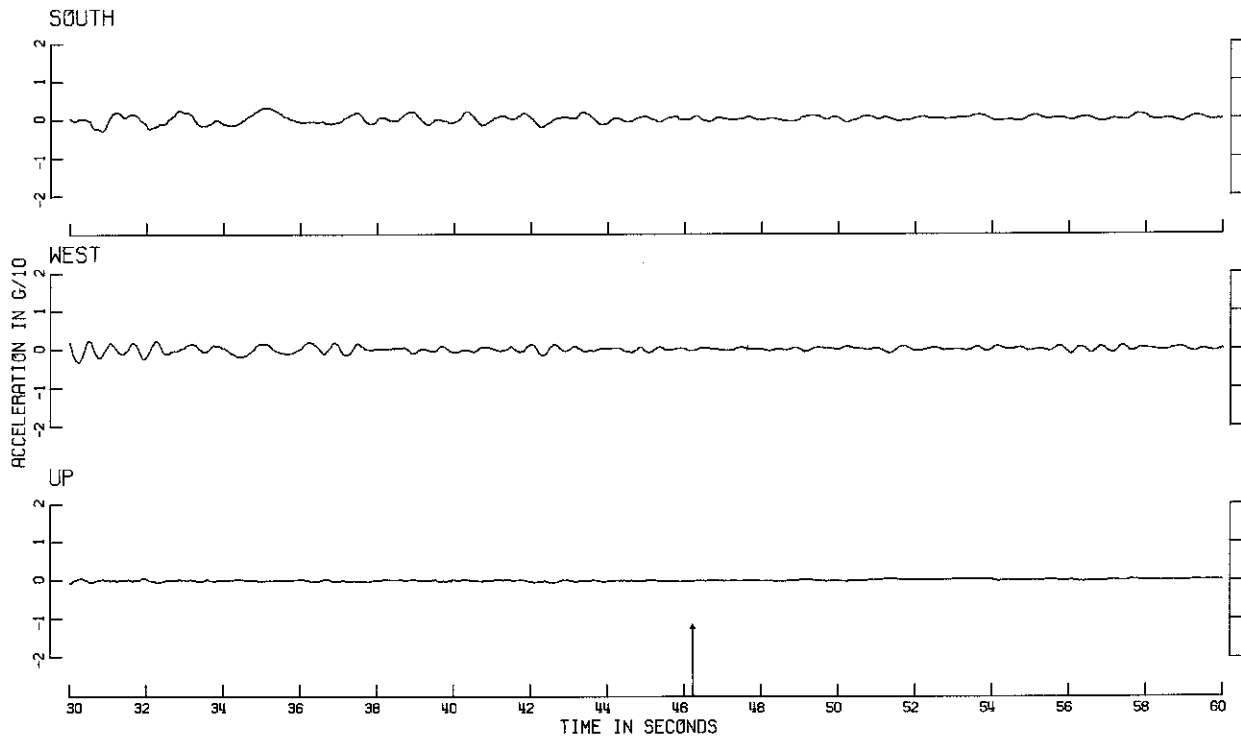
IY380 68.71 4/8/68 1830PST L.A. HOLLYWOOD STORAGE - P.E. LOT



1Y381 68.25 4/8/68 1830PST HOLLYWOOD PENTHOUSE



1Y381 68.25 4/8/68 1830PST HOLLYWOOD PENTHOUSE



California Institute of Technology
Earthquake Engineering Research Laboratory

The following reports of the Earthquake Engineering Research Laboratory from 1970 on can be obtained from the National Technical Information Service, Springfield, Virginia 22121:

Strong-Motion Earthquake Accelerograms
Digitized and Plotted Data
Volume I

<u>Part</u>	<u>Report No.</u>	<u>NTIS Accession No.</u>
A	EERL 70-20	PB-287 847
B	EERL 70-21	PB-196 823
C	EERL 71-20	PB-204 364
D	EERL 71-21	PB-208 529
E	EERL 71-22	PB-209 749
F	EERL 71-23	PB-210 619
G	EERL 72-20	PB-211 357
H	EERL 72-21	PB-211 781
I	EERL 72-22	PB-213 422
J	EERL 72-23	PB-213 423
K	EERL 72-24	PB-213 424
L	EERL 72-25	PB-215 639
M	EERL 72-26	PB-220 554
N	EERL 72-27	PB-223 023
O	EERL 73-20	PB-222 417
P	EERL 73-21	PB-227 481/AS
Q	EERL 73-22	PB-232 315/AS
R	EERL 73-23	PB-239 585/AS

Strong-Motion Earthquake Accelerograms
Digitized and Plotted Data

Corrected Accelerograms and Integrated
Ground Velocity and Displacement Curves

Volume II

<u>Part</u>	<u>Report No.</u>	NTIS <u>Accession No.</u>
A	EERL 71-50	PB-208 283
B	EERL 72-50	PB-220 161
C	EERL 72-51	PB-220 162
D	EERL 72-52	PB-220 836
E	EERL 73-50	PB-223 024
F	EERL 73-51	PB-224 977/9AS
G	EERL 73-52	PB-229 239/AS
H	EERL 74-50	PB-231 225/AS
I	EERL 74-51	PB-232 316/AS
J, K	EERL 74-52	PB-233 257/AS
L, M	EERL 74-53	PB-237 174/AS
N	EERL 74-54	PB-236 399/AS
O, P	EERL 74-55	PB-239 586/AS
Q, R	EERL 74-56	PB-239 587/AS

Analyses of Strong-Motion Earthquake Accelerograms
Response Spectra

Volume III

<u>Part</u>	<u>Report No.</u>	NTIS <u>Accession No.</u>
A	EERL 72-80	PB-212 602
B	EERL 73-80	PB-221 256
C	EERL 73-81	PB-223 025
D	EERL 73-82	PB-227 469/AS
E	EERL 73-83	PB-227 470/AS
F	EERL 73-84	PB-227 471/AS
G	EERL 73-85	PB-231 223/AS
H	EERL 74-80	PB-231 319/AS
I	EERL 74-81	PB-232 326/AS
J, K, L	EERL 74-82	PB-236 110/AS
M, N	EERL 74-83	PB-236 400/AS
O, P	EERL 74-84	PB-238 102/AS

Analyses of Strong-Motion Earthquake Accelerograms
Fourier Amplitude Spectra

Volume IV

<u>Part</u>	<u>Report No.</u>	<u>NTIS Accession No.</u>
A	EERL 72-100	PB-212 603
B	EERL 73-100	PB-220 837
C	EERL 73-101	PB-222 514
D	EERL 73-102	PB-222 969/AS
E	EERL 73-103	PB-229 240/AS
F	EERL 73-104	PB-229 241/AS
G	EERL 73-105	PB-231 224/AS
H	EERL 74-100	PB-232 327/AS
I	EERL 74-101	PB-232 328/AS
J, K, L, M	EERL 74-102	PB-236 111/AS
N, O, P	EERL 74-103	PB-238 447/AS

- Strong-Motion Instrumental Data on the San Fernando Earthquake of February 9, 1971, (PB-204 198)
- P. C. Jennings, et al, Forced Vibration of a 22-Story Steel Frame Building (EERL 71-01; PB-205 161)
- P. C. Jennings, ed., Engineering Features of the San Fernando Earthquake (EERL 71-02; PB-202 550)
- Randolph A. Adu, Response and Failure of Structures under Stationary Random Excitation (EERL 71-02; PB-205 304)
- Jacobo Bielak, Earthquake Response of Building-Foundation Systems (EERL 71-04; PB-205 305)
- M. D. Trifunac, F. E. Udwadia, A. G. Brady, High Frequency Errors and Instrument Corrections of Strong-Motion Accelerograms (EERL 71-05; PB-205 369)
- Knut Sverre Skattum, Dynamic Analysis of Coupled Shear Walls and Sandwich Beams (EERL 71-06; PB-205 267)
- John Brent Hoerner, Modal Coupling and Earthquake Response of Tall Buildings (EERL 71-07; PB-207 635)
- P. C. Jennings and J. Bielak, Dynamics of Building-Soil Interaction (EERL 72-01; PB-209 666)
- F. E. Udwadia, Investigation of Earthquake and Microtremor Ground Motions (EERL 72-02; PB-212 853)
- Albert W. Whitney, On Insurance Settlements Incident to the 1906 San Francisco Fire (DRC 72-01; PB-213 256)
- J. H. Wood, Analysis of the Earthquake Response of a Nine-Story Steel Frame Building during the San Fernando Earthquake (EERL 72-04; PB-215 823)
- F. E. Udwadia and M. D. Trifunac, The Fourier Transform, Response Spectra and their Relationship through the Statistics of Oscillator Response (EERL 73-01; PB-220 458)
- Research Papers Submitted to the Fifth World Conference on Earthquake Engineering, Rome, Italy, 25-29 June 1973 (EERL 73-02; PB-220 431)
- Earthquakes and Insurance, Published Papers on Earthquake Research Affiliates Conference of 2-3 April 1973 (DRC 73-02; PB-223 033)
- M. D. Trifunac and V. Lee, Routine Computer Processing of Strong-Motion Accelerograms (EERL 73-03; PB-226 047/AS)

D. K. Jephcott and D. E. Hudson, The Performance of Public School
Plants During the San Fernando Earthquake (EERL 74-01;
PB-240 000/AS)